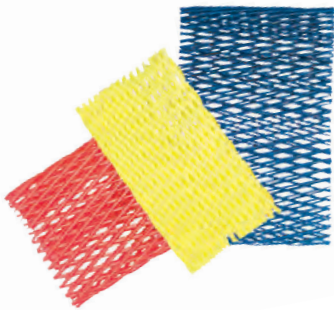





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CAPS, PLUGS & NETTING



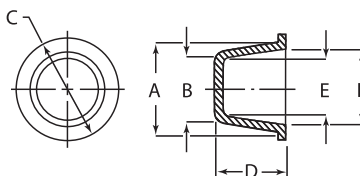
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CAPS, PLUGS & NETTING



TAPERED CAPS & PLUGS

Numbered/GP Series Tapered Caps or Plugs



Specifications:

- Material: Low-Density Polyethylene
- Color: See Table

Features:

- The tapered design allows the part to plug multiple inner diameters or cap multiple outside diameters
- Protects against damage, dirt, moisture and corrosion during storage and shipping
- GP series parts have a heavy duty design which includes a rugged wall and seal rings for maximum protection

To Assure Proper Fit:

Plugs

Plug dimension "A" should be approx. 1% larger than the inner diameter of the part.
Minimum of .020"

Caps

Cap dimension "E" should be approx. 1% smaller than the outside diameter of the part.
Minimum of .020"

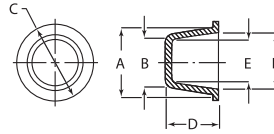
See pages 64 and 65 for Application Wizards

| Item No. | Use as a Plug | | | | | | Use as a Cap | | | | | | Bulk Pack Qty | | |
|----------|---------------|-----|-------|-------|-------|-------|--------------|-------|-------|-------|-------|-------|---------------|-------|-------|
| | Blue | Red | A | | B | | C | | D | | E | | | F | |
| | | | in | mm | in | mm | in | mm | in | mm | in | mm | in | mm | |
| 001A | — | — | 0.180 | 4.57 | 0.115 | 2.92 | 0.313 | 7.94 | 0.406 | 10.32 | 0.051 | 1.30 | 0.118 | 3.00 | 5000 |
| 001-SA | — | — | 0.180 | 4.57 | 0.138 | 3.51 | 0.310 | 7.87 | 0.250 | 6.35 | 0.051 | 1.30 | 0.118 | 3.00 | 5000 |
| 1000A | 1000B | — | 0.205 | 5.21 | 0.145 | 3.68 | 0.410 | 10.41 | 0.410 | 10.41 | 0.079 | 2.01 | 0.150 | 3.81 | 5000 |
| 002A | 002C | — | 0.240 | 6.10 | 0.175 | 4.45 | 0.375 | 9.53 | 0.375 | 9.53 | 0.109 | 2.77 | 0.175 | 4.45 | 5000 |
| 003A | — | — | 0.268 | 6.81 | 0.209 | 5.31 | 0.375 | 9.53 | 0.375 | 9.53 | 0.127 | 3.23 | 0.193 | 4.90 | 5000 |
| 003WA | — | — | 0.274 | 6.95 | 0.200 | 5.08 | 0.594 | 15.08 | 0.375 | 9.53 | 0.150 | 3.81 | 0.220 | 5.58 | 5000 |
| 004A | 004B | — | 0.275 | 6.99 | 0.209 | 5.31 | 0.438 | 11.11 | 0.375 | 9.53 | 0.150 | 3.81 | 0.209 | 5.31 | 5000 |
| 005A | 005B | — | 0.302 | 7.67 | 0.240 | 6.10 | 0.469 | 11.91 | 0.375 | 9.53 | 0.175 | 4.45 | 0.240 | 6.10 | 5000 |
| — | GP607A | — | 0.325 | 8.26 | 0.292 | 7.42 | 0.531 | 13.49 | 0.375 | 9.53 | 0.215 | 5.46 | 0.250 | 6.35 | 5000 |
| — | 50222 | — | 0.335 | 8.50 | 0.185 | 4.70 | 0.461 | 11.70 | 0.886 | 22.50 | 0.098 | 2.50 | 0.224 | 5.70 | 10000 |
| 006A | 006B | — | 0.335 | 8.51 | 0.265 | 6.73 | 0.469 | 11.91 | 0.375 | 9.53 | 0.204 | 5.18 | 0.275 | 6.99 | 5000 |
| 007A | 007B | — | 0.365 | 9.27 | 0.300 | 7.62 | 0.531 | 13.49 | 0.375 | 9.53 | 0.234 | 5.94 | 0.301 | 7.65 | 5000 |
| 007WA | — | — | 0.365 | 9.27 | 0.300 | 7.62 | 0.680 | 17.27 | 0.375 | 9.53 | 0.234 | 5.94 | 0.301 | 7.65 | 5000 |
| 007SA | — | — | 0.365 | 9.27 | 0.330 | 8.38 | 0.500 | 12.70 | 0.219 | 5.56 | 0.266 | 6.76 | 0.301 | 7.65 | 5000 |
| — | GP610A | — | 0.389 | 9.88 | 0.320 | 8.12 | 0.563 | 14.29 | 0.438 | 11.11 | 0.212 | 5.38 | 0.285 | 7.23 | 5000 |
| 008A | 008C | — | 0.398 | 10.11 | 0.330 | 8.38 | 0.563 | 14.29 | 0.375 | 9.53 | 0.275 | 6.99 | 0.330 | 8.38 | 5000 |
| 009A | 009C | — | 0.428 | 10.87 | 0.360 | 9.14 | 0.594 | 15.08 | 0.375 | 9.53 | 0.299 | 7.59 | 0.365 | 9.27 | 5000 |
| 010A | 010B | — | 0.460 | 11.68 | 0.390 | 9.91 | 0.625 | 15.88 | 0.393 | 10.0 | 0.325 | 8.26 | 0.396 | 10.06 | 5000 |
| — | 10750 | — | 0.465 | 11.80 | 0.394 | 10.00 | 0.591 | 15.00 | 0.374 | 9.50 | 0.335 | 8.50 | 0.394 | 10.00 | 10000 |
| 011A | 011B | — | 0.485 | 12.32 | 0.420 | 10.67 | 0.594 | 15.08 | 0.375 | 9.53 | 0.356 | 9.04 | 0.421 | 10.69 | 5000 |
| — | GP617A | — | 0.501 | 12.72 | 0.437 | 11.09 | 0.647 | 16.43 | 0.438 | 11.11 | 0.352 | 8.94 | 0.420 | 10.66 | 4000 |
| 012A | 012E | — | 0.512 | 13.00 | 0.447 | 11.35 | 0.625 | 15.88 | 0.406 | 10.32 | 0.385 | 9.78 | 0.448 | 11.38 | 5000 |
| — | 10421 | — | 0.520 | 13.20 | 0.445 | 11.30 | 0.669 | 17.00 | 0.433 | 11.00 | 0.386 | 9.80 | 0.457 | 11.60 | 10000 |
| 013A | 013C | — | 0.547 | 13.89 | 0.490 | 12.45 | 0.719 | 18.26 | 0.500 | 12.70 | 0.409 | 10.39 | 0.485 | 12.32 | 5000 |
| — | 12421 | — | 0.551 | 14.00 | 0.441 | 11.20 | 0.689 | 17.50 | 0.728 | 18.50 | 0.362 | 9.20 | 0.476 | 12.10 | 5000 |
| 013SPA | — | — | 0.545 | 13.84 | 0.478 | 12.14 | 0.719 | 18.26 | 0.313 | 7.94 | 0.410 | 10.41 | 0.480 | 12.19 | 5000 |
| 013WA | — | — | 0.547 | 13.89 | 0.478 | 12.14 | 0.875 | 22.23 | 0.500 | 12.70 | 0.409 | 10.39 | 0.485 | 12.32 | 7000 |
| 014A | 014C | — | 0.568 | 14.43 | 0.500 | 12.70 | 0.750 | 19.05 | 0.438 | 11.11 | 0.435 | 11.05 | 0.503 | 12.78 | 5000 |
| 1015A | — | — | 0.576 | 14.63 | 0.500 | 12.70 | 0.720 | 18.29 | 0.470 | 11.94 | 0.440 | 11.18 | 0.516 | 13.11 | 5000 |
| — | 12901 | — | 0.583 | 14.80 | 0.472 | 12.00 | 0.689 | 17.50 | 0.433 | 11.00 | 0.413 | 10.50 | 0.472 | 12.00 | 5000 |
| — | 015A | — | 0.594 | 15.09 | 0.504 | 12.80 | 0.728 | 18.49 | 0.949 | 24.10 | 0.421 | 10.69 | 0.520 | 13.21 | 4000 |
| — | 10438 | — | 0.602 | 15.30 | 0.535 | 13.60 | 0.748 | 19.00 | 0.441 | 11.20 | 0.476 | 12.10 | 0.539 | 13.70 | 5000 |
| 1020A | — | — | 0.612 | 15.54 | 0.554 | 14.07 | 0.750 | 19.05 | 0.340 | 8.64 | 0.490 | 12.45 | 0.551 | 14.00 | 5000 |
| 016A | 016D | — | 0.620 | 15.75 | 0.531 | 13.49 | 0.750 | 19.05 | 0.500 | 12.70 | 0.468 | 11.89 | 0.555 | 14.10 | 7500 |
| — | 10342 | — | 0.630 | 16.00 | 0.559 | 14.20 | 0.748 | 19.00 | 0.476 | 12.10 | 0.500 | 12.70 | 0.567 | 14.40 | 5000 |
| 017A | 017D | — | 0.634 | 16.10 | 0.550 | 13.97 | 0.781 | 19.84 | 0.500 | 12.70 | 0.485 | 12.32 | 0.568 | 14.43 | 7500 |
| — | 10424 | — | 0.669 | 17.00 | 0.579 | 14.70 | 0.811 | 20.60 | 0.500 | 12.70 | 0.520 | 13.20 | 0.606 | 15.40 | 5000 |
| 018A | 018E | — | 0.675 | 17.15 | 0.580 | 14.99 | 0.875 | 22.23 | 0.531 | 13.49 | 0.520 | 13.21 | 0.605 | 15.37 | 5000 |
| 1025A | — | — | 0.694 | 17.63 | 0.669 | 16.99 | 0.750 | 19.05 | 0.220 | 5.59 | 0.613 | 15.57 | 0.638 | 16.21 | 5000 |
| 020A | 020D | — | 0.695 | 17.65 | 0.610 | 15.49 | 0.844 | 21.43 | 0.500 | 12.70 | 0.549 | 13.94 | 0.634 | 16.10 | 6000 |
| 021A | 021B | — | 0.728 | 18.49 | 0.641 | 16.28 | 0.875 | 22.23 | 0.500 | 12.70 | 0.575 | 14.61 | 0.665 | 16.89 | 5000 |
| 022A | 022C | — | 0.754 | 19.15 | 0.675 | 17.15 | 0.875 | 22.23 | 0.625 | 15.88 | 0.615 | 15.62 | 0.690 | 17.53 | 4000 |
| — | GP628A | — | 0.757 | 19.22 | 0.658 | 16.71 | 0.921 | 23.39 | 0.648 | 16.45 | 0.538 | 13.66 | 0.662 | 16.81 | 5700 |
| — | 110197 | — | 0.764 | 19.40 | 0.673 | 17.10 | 0.866 | 22.00 | 0.512 | 13.00 | 0.610 | 15.50 | 0.701 | 17.80 | 6500 |
| — | 11088 | — | 0.772 | 19.60 | 0.697 | 17.70 | 0.874 | 22.20 | 0.500 | 12.70 | 0.598 | 15.20 | 0.681 | 17.30 | 5000 |
| 023A | 023C | — | 0.785 | 19.94 | 0.690 | 17.53 | 0.938 | 23.81 | 0.625 | 15.88 | 0.625 | 15.88 | 0.724 | 18.39 | 4000 |
| — | 12197 | — | 0.795 | 20.20 | 0.677 | 17.20 | 0.953 | 24.20 | 0.709 | 18.00 | 0.610 | 15.50 | 0.709 | 18.00 | 4000 |
| 024A | — | — | 0.805 | 20.45 | 0.750 | 19.05 | 0.860 | 21.84 | 0.190 | 4.83 | 0.688 | 17.48 | 0.743 | 18.87 | 7500 |
| 026A | 026C | — | 0.825 | 20.96 | 0.725 | 18.42 | 1.000 | 25.40 | 0.500 | 12.70 | 0.662 | 16.81 | 0.760 | 19.30 | 4000 |
| 026-LA | — | — | 0.825 | 20.96 | 0.725 | 18.42 | 0.970 | 24.64 | 0.590 | 14.99 | 0.662 | 16.81 | 0.760 | 19.30 | 8000 |
| 027A | 027E | — | 0.848 | 21.54 | 0.750 | 19.05 | 1.031 | 26.19 | 0.625 | 15.88 | 0.686 | 17.42 | 0.777 | 19.74 | 7000 |
| — | GP632A | — | 0.851 | 21.61 | 0.766 | 19.45 | 1.045 | 26.54 | 0.625 | 15.88 | 0.609 | 15.46 | 0.740 | 18.79 | 4200 |
| — | 027AA | — | 0.882 | 22.40 | 0.768 | 19.50 | 1.039 | 26.40 | 0.787 | 20.00 | 0.701 | 17.80 | 0.823 | 20.90 | 3000 |
| 028A | 028D | — | 0.910 | 23.11 | 0.802 | 20.37 | 1.094 | 27.78 | 0.750 | 19.05 | 0.725 | 18.42 | 0.846 | 21.49 | 5000 |
| 029A | 029D | — | 0.931 | 23.65 | 0.820 | 20.83 | 1.125 | 28.58 | 0.625 | 15.88 | 0.754 | 19.15 | 0.868 | 22.05 | 5500 |
| 030A | 030C | — | 0.973 | 24.71 | 0.856 | 21.74 | 1.125 | 28.58 | 0.750 | 19.05 | 0.768 | 19.51 | 0.906 | 23.01 | 4500 |

(Continued on next page >)



**Numbered/GP Series
 Tapered Caps or Plugs (continued)**



To Assure Proper Fit:

| Plugs | Caps |
|---|---|
| Plug dimension "A" should be approx. 1% larger than the inner diameter of the part. Minimum of .020" | Cap dimension "E" should be approx. 1% smaller than the outside diameter of the part. Minimum of .020" |

See pages 64 and 65 for Application Wizards

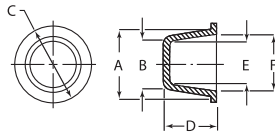
| Item No. | Use as a Plug | | | | | | | | Use as a Cap | | | | Bulk Pack Qty | |
|----------|---------------|-------|-------|-------|-------|-------|-------|-------|--------------|-------|-------|-------|---------------|------|
| | A | | B | | C | | D | | E | | F | | | |
| | Blue | Red | in | mm | in | mm | in | mm | in | mm | in | mm | | |
| 031A | 031D | 0.975 | 24.77 | 0.870 | 22.10 | 1.125 | 28.58 | 0.625 | 15.88 | 0.804 | 20.42 | 0.920 | 23.37 | 5000 |
| — | 10376 | 0.984 | 25.00 | 0.866 | 22.00 | 1.122 | 28.50 | 0.626 | 15.90 | 0.807 | 20.50 | 0.906 | 23.00 | 3000 |
| — | 12565 | 1.004 | 25.50 | 0.886 | 22.50 | 1.138 | 28.90 | 0.701 | 17.80 | 0.795 | 20.20 | 0.917 | 23.30 | 3000 |
| 035A | 035D | 1.040 | 26.42 | 0.895 | 22.73 | 1.140 | 29.37 | 0.750 | 19.05 | 0.832 | 21.13 | 0.975 | 24.77 | 4500 |
| 038A | — | 1.045 | 26.54 | 0.980 | 24.89 | 1.250 | 31.75 | 0.500 | 12.70 | 0.916 | 23.27 | 0.984 | 24.99 | 2500 |
| — | 039A | 1.059 | 26.90 | 0.945 | 24.00 | 1.220 | 31.00 | 0.748 | 19.00 | 0.862 | 21.90 | 0.984 | 24.99 | 2000 |
| 040A | 040B | 1.096 | 27.83 | 0.966 | 24.54 | 1.250 | 31.75 | 0.750 | 19.05 | 0.902 | 22.91 | 1.038 | 23.36 | 3500 |
| — | GP642A | 1.140 | 28.95 | 1.094 | 27.78 | 1.360 | 34.54 | 0.628 | 15.95 | 0.920 | 23.36 | 1.046 | 26.56 | 2200 |
| 041A | 041C | 1.145 | 29.08 | 1.002 | 25.45 | 1.313 | 33.34 | 0.750 | 19.05 | 0.938 | 23.83 | 1.079 | 27.41 | 3500 |
| — | 041AA | 1.161 | 29.50 | 0.969 | 24.60 | 1.339 | 34.00 | 1.134 | 28.80 | 0.886 | 22.50 | 1.083 | 27.50 | 1500 |
| — | GPT643A | 1.215 | 30.86 | 1.094 | 27.79 | 1.375 | 34.93 | 0.750 | 19.05 | 1.031 | 26.19 | 1.152 | 29.26 | 2000 |
| 042A | 042D | 1.225 | 31.12 | 1.110 | 28.19 | 1.516 | 38.50 | 0.750 | 19.05 | 1.038 | 26.37 | 1.180 | 29.97 | 2500 |
| 1040A | — | 1.284 | 32.61 | 1.175 | 29.85 | 1.670 | 42.42 | 0.750 | 19.10 | 1.113 | 28.27 | 1.222 | 31.04 | 2000 |
| 044A | 044D | 1.292 | 32.81 | 1.165 | 29.59 | 1.420 | 36.10 | 0.750 | 19.05 | 1.090 | 27.69 | 1.205 | 30.61 | 2500 |
| 1035A | — | 1.310 | 33.27 | 0.840 | 21.34 | 1.430 | 36.32 | 1.090 | 27.69 | 0.777 | 19.74 | 1.247 | 31.67 | 2500 |
| 1050A | — | 1.312 | 33.32 | 1.276 | 32.41 | 1.380 | 35.05 | 0.560 | 14.22 | 1.155 | 29.34 | 1.190 | 30.23 | 2000 |
| — | GP648A | 1.354 | 34.39 | 1.206 | 30.63 | 1.531 | 38.88 | 0.750 | 19.05 | 1.150 | 29.21 | 1.203 | 30.55 | 1500 |
| 045A | 045D | 1.355 | 34.42 | 1.225 | 31.12 | 1.500 | 38.10 | 0.750 | 19.05 | 1.160 | 29.46 | 1.295 | 32.89 | 2500 |
| 046A | 046B | 1.350 | 34.29 | 1.235 | 31.37 | 1.500 | 38.10 | 0.750 | 19.05 | 1.140 | 28.96 | 1.295 | 32.89 | 2500 |
| 047A | — | 1.362 | 34.59 | 1.291 | 32.79 | 1.500 | 38.10 | 0.750 | 19.05 | 1.227 | 31.17 | 1.300 | 33.02 | 2000 |
| — | GP650A | 1.385 | 35.18 | 1.305 | 33.15 | 1.625 | 41.28 | 0.750 | 19.05 | 1.205 | 30.60 | 1.285 | 32.64 | 1400 |
| 1055A | — | 1.420 | 36.07 | 1.140 | 28.96 | 1.560 | 39.62 | 0.840 | 21.34 | 1.085 | 27.56 | 1.358 | 34.49 | 2500 |
| — | GP652A | 1.441 | 36.60 | 1.376 | 34.95 | 1.694 | 43.02 | 0.750 | 19.05 | 1.238 | 31.44 | 1.344 | 34.13 | 1300 |
| 048A | 048D | 1.455 | 36.96 | 1.291 | 32.79 | 1.625 | 41.28 | 1.000 | 25.40 | 1.227 | 31.17 | 1.391 | 35.33 | 1500 |
| 049A | 049B | 1.470 | 37.34 | 1.311 | 33.30 | 1.625 | 41.28 | 0.750 | 19.05 | 1.249 | 31.72 | 1.400 | 35.56 | 2000 |
| — | 12480 | 1.508 | 38.30 | 1.335 | 33.90 | 1.665 | 42.30 | 0.965 | 24.50 | 1.256 | 31.90 | 1.437 | 36.50 | 1000 |
| 051A | 051E | 1.517 | 38.53 | 1.344 | 34.14 | 1.750 | 44.45 | 0.938 | 23.81 | 1.282 | 32.56 | 1.460 | 36.83 | 1500 |
| — | GP654A | 1.522 | 38.65 | 1.449 | 36.80 | 1.733 | 44.01 | 0.750 | 19.05 | 1.343 | 34.11 | 1.420 | 36.06 | 1200 |
| K5A | — | 1.525 | 38.74 | 1.525 | 38.74 | 1.713 | 43.51 | 0.500 | 12.70 | 1.445 | 36.70 | 1.445 | 36.70 | 2500 |
| — | GP656A | 1.577 | 40.06 | 1.506 | 38.25 | 1.820 | 46.22 | 0.750 | 19.05 | 1.346 | 34.19 | 1.466 | 37.23 | 1000 |
| — | 052A | 1.583 | 40.21 | 1.413 | 35.89 | 1.736 | 44.09 | 1.004 | 25.50 | 1.307 | 33.20 | 1.476 | 37.49 | 1000 |
| 053A | 053C | 1.600 | 40.64 | 1.450 | 36.83 | 1.750 | 44.45 | 0.750 | 19.05 | 1.385 | 35.18 | 1.535 | 38.99 | 2000 |
| 054A | 054D | 1.602 | 40.69 | 1.520 | 38.61 | 1.780 | 45.21 | 0.750 | 19.05 | 1.456 | 36.98 | 1.537 | 39.04 | 1700 |
| — | GP658A | 1.636 | 41.55 | 1.560 | 39.62 | 1.875 | 47.63 | 0.750 | 19.05 | 1.440 | 36.58 | 1.545 | 39.24 | 1000 |
| 055A | 055E | 1.673 | 42.49 | 1.560 | 39.62 | 1.875 | 47.63 | 0.750 | 19.05 | 1.497 | 38.02 | 1.620 | 41.15 | 1500 |
| — | GP660A | 1.686 | 42.82 | 1.613 | 40.97 | 1.905 | 48.38 | 0.750 | 19.05 | 1.475 | 37.46 | 1.598 | 40.58 | 1000 |
| 056A | 056C | 1.750 | 44.45 | 1.606 | 40.79 | 1.938 | 49.21 | 0.750 | 19.05 | 1.568 | 39.83 | 1.685 | 42.80 | 1500 |
| — | GP662A | 1.753 | 44.52 | 1.682 | 42.72 | 2.000 | 50.80 | 0.750 | 19.05 | 1.543 | 39.19 | 1.642 | 41.71 | 800 |
| — | GP664A | 1.815 | 46.10 | 1.730 | 43.94 | 2.125 | 53.98 | 0.750 | 19.05 | 1.640 | 41.66 | 1.720 | 43.69 | 800 |
| 059A | 059B | 1.825 | 46.36 | 1.800 | 45.72 | 2.031 | 51.59 | 0.500 | 12.70 | 1.736 | 44.09 | 1.760 | 44.70 | 2000 |
| 1065A | — | 1.850 | 46.99 | 1.720 | 43.69 | 2.030 | 51.56 | 0.750 | 19.05 | 1.664 | 42.27 | 1.794 | 45.57 | 3500 |
| 057A | 057C | 1.870 | 47.50 | 1.735 | 44.07 | 2.031 | 51.60 | 0.750 | 19.05 | 1.675 | 42.55 | 1.820 | 46.23 | 1200 |
| — | GP666A | 1.877 | 47.67 | 1.808 | 45.92 | 2.235 | 56.76 | 0.750 | 19.05 | 1.668 | 42.36 | 1.770 | 44.95 | 700 |
| 1070A | — | 1.900 | 48.26 | 1.440 | 36.58 | 2.060 | 52.32 | 1.310 | 33.27 | 1.378 | 35.00 | 1.833 | 46.56 | 1000 |
| — | 057AB | 1.913 | 48.60 | 1.709 | 43.41 | 2.102 | 53.40 | 1.004 | 25.50 | 1.622 | 41.20 | 1.850 | 46.99 | 600 |
| — | GP668A | 1.921 | 48.79 | 1.865 | 47.37 | 2.266 | 57.55 | 0.750 | 19.05 | 1.713 | 43.51 | 1.820 | 46.22 | 700 |
| 058A | 058B | 1.958 | 49.73 | 1.806 | 45.87 | 2.125 | 53.98 | 1.000 | 25.40 | 1.745 | 44.32 | 1.893 | 48.08 | 900 |
| 1075A | — | 1.975 | 50.17 | 1.865 | 47.37 | 2.380 | 60.45 | 0.670 | 17.02 | 1.785 | 45.34 | 1.895 | 48.13 | 2500 |
| — | GP670A | 2.007 | 50.97 | 1.928 | 48.97 | 2.352 | 59.74 | 0.750 | 19.05 | 1.813 | 46.05 | 1.892 | 48.05 | 600 |
| 060A | 060B | 2.020 | 51.31 | 1.846 | 46.89 | 2.125 | 53.98 | 1.000 | 25.40 | 1.785 | 45.34 | 1.938 | 49.23 | 1000 |
| — | GP672A | 2.037 | 51.73 | 1.970 | 50.03 | 2.399 | 60.93 | 0.750 | 19.05 | 1.810 | 45.97 | 1.947 | 49.45 | 600 |
| — | 12430 | 2.043 | 51.90 | 1.858 | 47.20 | 2.197 | 55.80 | 0.945 | 24.00 | 1.752 | 44.50 | 1.917 | 48.70 | 500 |
| 1080A | — | 2.065 | 52.45 | 1.950 | 49.53 | 2.200 | 55.88 | 0.750 | 19.05 | 1.885 | 47.88 | 2.000 | 50.80 | 2500 |
| 062A | 062B | 2.085 | 52.96 | 1.902 | 48.31 | 2.250 | 57.15 | 1.000 | 25.40 | 1.839 | 46.71 | 2.015 | 51.18 | 850 |
| 1085A | — | 2.100 | 53.34 | 2.020 | 51.31 | 2.590 | 65.79 | 0.380 | 9.65 | 2.060 | 52.32 | 2.140 | 54.36 | 1000 |
| — | 12746 | 2.126 | 54.00 | 1.961 | 49.80 | 2.283 | 58.00 | 0.957 | 24.30 | 1.870 | 47.50 | 2.047 | 52.00 | 500 |
| — | GP674A | 2.130 | 54.10 | 2.040 | 51.82 | 2.469 | 62.71 | 0.750 | 19.05 | 1.945 | 49.41 | 2.045 | 51.94 | 600 |
| 065A | 065B | 2.146 | 54.51 | 2.016 | 51.21 | 2.313 | 58.74 | 0.750 | 19.05 | 1.955 | 49.66 | 2.083 | 52.91 | 1000 |
| 061A | — | 2.160 | 54.86 | 1.740 | 44.20 | 2.310 | 58.67 | 1.210 | 30.73 | 1.668 | 42.37 | 2.093 | 53.16 | 1000 |
| 063A | 063C | 2.168 | 55.07 | 1.980 | 50.29 | 2.250 | 57.15 | 1.000 | 25.40 | 1.915 | 48.64 | 2.110 | 53.59 | 800 |
| — | GP676A | 2.181 | 55.39 | 2.110 | 53.59 | 2.500 | 63.50 | 0.750 | 19.05 | 2.010 | 51.05 | 2.110 | 53.59 | 500 |
| 066A | — | 2.253 | 57.23 | 2.062 | 52.37 | 2.438 | 61.91 | 1.031 | 26.20 | 2.000 | 50.80 | 2.175 | 55.25 | 700 |
| 068A | 068C | 2.279 | 57.90 | 2.224 | 56.50 | 2.500 | 63.50 | 0.500 | 12.70 | 2.150 | 54.60 | 2.221 | 56.41 | 1200 |
| 064A | — | 2.310 | 58.67 | 1.940 | 49.28 | 2.470 | 62.74 | 0.880 | 22.35 | 1.875 | 47.63 | 2.255 | 57.28 | 1000 |
| 067A | 067B | 2.355 | 59.82 | 2.156 | 54.76 | 2.625 | 66.68 | 1.000 | 25.40 | 2.084 | 52.93 | 2.288 | 58.12 | 600 |
| 069A | — | 2.400 | 60.96 | 2.280 | 57.91 | 2.800 | 71.12 | 0.750 | 19.05 | 2.216 | 56.29 | 2.336 | 59.33 | 1500 |
| 070A | 070B | 2.425 | 61.60 | 2.128 | 54.05 | 2.500 | 63.50 | 1.000 | 25.40 | 2.045 | 51.94 | 2.370 | 60.20 | 700 |
| 072A | — | 2.464 | 62.59 | 2.300 | 58.42 | 2.660 | 67.56 | 0.750 | 19.05 | 2.220 | 56.39 | 2.383 | 60.53 | 2000 |
| 071A | 071C | 2.485 | 63.12 | 2.300 | 58.42 | 2.625 | 66.68 | 1.000 | 25.40 | 2.235 | 56.77 | 2.400 | 60.96 | 600 |

(Continued on next page >)



TAPERED CAPS & PLUGS

Numbered/GP Series
Tapered Caps or Plugs (continued)



To Assure Proper Fit:

Plugs
Plug dimension "A" should be approx. 1% larger than the inner diameter of the part.
Minimum of .020"

Caps
Cap dimension "E" should be approx. 1% smaller than the outside diameter of the part.
Minimum of .020"

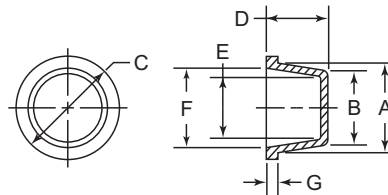
See pages 64 and 65 for Application Wizards

| Item No. | Use as a Plug | | | | Use as a Cap | | | | Bulk Pack Qty | | | | | | |
|----------|---------------|-----|-------|--------|--------------|--------|-------|--------|---------------|-------|-------|--------|-------|--------|------|
| | Blue | Red | A | B | C | D | E | F | | | | | | | |
| | | | in | mm | in | mm | in | mm | in | mm | in | mm | | | |
| 073A | 073E | — | 2.605 | 66.17 | 2.395 | 60.83 | 2.625 | 66.68 | 1.000 | 25.40 | 2.331 | 59.21 | 2.541 | 64.54 | 600 |
| 074A | — | — | 2.645 | 67.18 | 2.428 | 61.67 | 2.750 | 69.85 | 0.750 | 19.05 | 2.420 | 61.47 | 2.580 | 65.53 | 700 |
| 075A | — | — | 2.650 | 67.31 | 2.311 | 58.70 | 2.750 | 69.85 | 1.000 | 25.40 | 2.245 | 57.02 | 2.585 | 65.66 | 750 |
| 077A | 077B | — | 2.690 | 68.33 | 2.560 | 65.02 | 2.875 | 73.03 | 0.750 | 19.05 | 2.500 | 63.50 | 2.625 | 66.68 | 700 |
| 076A | 076C | — | 2.750 | 69.85 | 2.457 | 62.41 | 2.875 | 73.03 | 1.000 | 25.40 | 2.392 | 60.76 | 2.685 | 68.20 | 600 |
| — | 11064 | — | 2.791 | 70.90 | 2.681 | 68.10 | 2.937 | 74.60 | 0.748 | 19.00 | 2.610 | 66.30 | 2.728 | 69.30 | 400 |
| 078A | 078C | — | 2.805 | 71.25 | 2.645 | 67.18 | 3.000 | 76.20 | 0.500 | 12.70 | 2.580 | 65.53 | 2.725 | 69.22 | 1000 |
| 080A | — | — | 2.870 | 72.90 | 2.706 | 68.73 | 3.060 | 77.72 | 0.720 | 18.29 | 2.625 | 66.68 | 2.789 | 70.84 | 500 |
| 082A | 082C | — | 2.980 | 75.69 | 2.850 | 72.39 | 3.250 | 82.55 | 0.750 | 19.05 | 2.785 | 70.74 | 2.920 | 74.17 | 500 |
| 081A | 081B | — | 3.000 | 76.20 | 2.720 | 69.09 | 3.125 | 79.38 | 1.000 | 25.40 | 2.626 | 66.70 | 2.950 | 74.93 | 500 |
| 1087B | 1087A | — | 3.103 | 78.80 | 2.975 | 75.50 | 3.340 | 84.80 | 0.750 | 19.00 | 2.915 | 74.00 | 3.041 | 77.20 | 500 |
| 083A | 083B | — | 3.158 | 80.21 | 2.995 | 76.07 | 3.375 | 85.73 | 0.500 | 12.70 | 2.915 | 74.04 | 3.098 | 78.69 | 750 |
| — | GPT684A | — | 3.200 | 81.28 | 3.030 | 76.96 | 3.594 | 91.28 | 0.810 | 20.57 | 2.880 | 73.15 | 3.070 | 77.98 | 300 |
| 085A | 085C | — | 3.245 | 82.42 | 2.980 | 75.69 | 3.375 | 85.73 | 1.000 | 25.40 | 2.900 | 73.66 | 3.165 | 80.39 | 400 |
| 086A | 086D | — | 3.365 | 85.47 | 3.090 | 78.49 | 3.500 | 88.90 | 1.000 | 25.40 | 3.005 | 76.33 | 3.285 | 83.44 | 500 |
| — | 11037 | — | 3.390 | 86.10 | 3.150 | 80.00 | 3.535 | 89.80 | 0.988 | 25.10 | 3.051 | 77.50 | 3.228 | 82.00 | 400 |
| 087A | 087B | — | 3.450 | 87.63 | 3.319 | 84.30 | 3.625 | 92.08 | 0.500 | 12.70 | 3.239 | 82.27 | 3.371 | 85.62 | 500 |
| — | 11171 | — | 3.465 | 88.00 | 3.358 | 85.30 | 3.622 | 92.00 | 0.748 | 19.00 | 3.264 | 82.90 | 3.366 | 85.50 | 250 |
| 088A | 088B | — | 3.575 | 90.81 | 3.236 | 82.19 | 3.938 | 100.01 | 1.000 | 25.40 | 3.156 | 80.16 | 3.494 | 88.75 | 300 |
| — | GPT689A | — | 3.585 | 91.06 | 3.455 | 87.76 | 3.938 | 100.01 | 0.750 | 19.05 | 3.365 | 85.47 | 3.520 | 89.41 | 250 |
| 089A | 089C | — | 3.600 | 91.44 | 3.465 | 88.01 | 3.875 | 98.43 | 0.812 | 20.62 | 3.405 | 86.49 | 3.540 | 89.22 | 350 |
| — | 12572 | — | 3.685 | 93.60 | 3.445 | 87.50 | 3.807 | 96.70 | 1.350 | 34.30 | 3.319 | 84.30 | 3.563 | 90.50 | 250 |
| K851A | — | — | 3.750 | 95.25 | 3.552 | 90.22 | 4.000 | 101.60 | 1.000 | 25.40 | 3.478 | 88.34 | 3.676 | 93.37 | 250 |
| 090A | 090C | — | 3.800 | 96.52 | 3.675 | 93.35 | 4.000 | 101.60 | 0.750 | 19.05 | 3.605 | 91.57 | 3.730 | 94.74 | 300 |
| — | 10253 | — | 3.819 | 97.00 | 3.626 | 92.10 | 3.937 | 100.00 | 1.260 | 32.00 | 3.476 | 88.30 | 3.701 | 94.00 | 300 |
| — | GPT691A | — | 3.900 | 99.06 | 3.800 | 96.52 | 4.500 | 114.30 | 0.438 | 11.11 | 3.600 | 91.44 | 3.700 | 93.98 | 250 |
| 091A | — | — | 3.925 | 99.70 | 3.800 | 96.52 | 4.125 | 104.78 | 0.688 | 17.46 | 3.715 | 94.36 | 3.845 | 97.66 | 300 |
| — | 10697 | — | 3.949 | 100.30 | 3.681 | 93.50 | 4.232 | 107.50 | 1.043 | 26.50 | 3.539 | 89.90 | 3.850 | 97.80 | 400 |
| — | 12573 | — | 3.961 | 100.60 | 3.720 | 94.50 | 4.079 | 103.60 | 1.358 | 34.50 | 3.583 | 91.00 | 3.819 | 97.00 | 100 |
| — | 462569 | — | 4.016 | 102.00 | 3.799 | 96.50 | 4.331 | 110.00 | 1.220 | 31.00 | 3.701 | 94.00 | 3.976 | 101.00 | 200 |
| 092A | 092C | — | 4.070 | 103.38 | 3.915 | 99.45 | 4.375 | 111.13 | 0.781 | 19.84 | 3.810 | 96.77 | 3.980 | 101.09 | 250 |
| 093A | 093B | — | 4.190 | 106.43 | 4.030 | 102.36 | 4.500 | 114.30 | 0.750 | 19.05 | 3.950 | 100.33 | 4.110 | 104.39 | 250 |
| — | 110785 | — | 4.213 | 107.00 | 3.976 | 101.00 | 4.291 | 109.00 | 1.126 | 28.60 | 3.858 | 98.00 | 4.055 | 103.00 | 300 |
| — | GPT690A | — | 4.331 | 110.01 | 4.050 | 102.87 | 4.625 | 117.48 | 1.250 | 31.75 | 3.970 | 100.84 | 4.230 | 107.44 | 150 |
| — | 10771 | — | 4.398 | 111.70 | 4.201 | 106.70 | 4.461 | 113.30 | 1.126 | 28.60 | 4.228 | 107.40 | 4.228 | 107.40 | 250 |
| — | GPT692A | — | 4.430 | 112.52 | 4.270 | 108.46 | 4.875 | 123.83 | 0.875 | 22.23 | 4.180 | 106.17 | 4.340 | 110.24 | 150 |
| 094A | 094B | — | 4.445 | 112.90 | 4.215 | 107.06 | 4.875 | 123.83 | 1.000 | 25.40 | 4.135 | 105.03 | 4.380 | 111.25 | 200 |
| — | 10133 | — | 4.500 | 114.30 | 4.413 | 112.10 | 4.598 | 116.80 | 1.126 | 28.60 | 4.232 | 107.50 | 4.323 | 109.80 | 250 |
| — | 10837 | — | 4.528 | 115.00 | 4.331 | 110.00 | 4.665 | 118.50 | 1.102 | 28.00 | 4.134 | 105.00 | 4.291 | 109.00 | 250 |
| 095A | 095C | — | 4.605 | 116.97 | 4.365 | 110.87 | 5.000 | 127.00 | 1.000 | 25.40 | 4.289 | 108.95 | 4.500 | 114.30 | 200 |
| — | 12574 | — | 4.630 | 117.60 | 4.390 | 111.50 | 4.803 | 122.00 | 1.378 | 35.00 | 4.232 | 107.50 | 4.528 | 115.00 | 250 |
| 096A | 096B | — | 4.850 | 123.19 | 4.640 | 117.86 | 5.250 | 133.35 | 0.910 | 23.11 | 4.570 | 116.08 | 4.780 | 121.41 | 250 |
| 1090A | — | — | 4.970 | 126.24 | 4.790 | 121.67 | 5.380 | 136.65 | 1.030 | 26.16 | 4.710 | 119.63 | 4.890 | 124.21 | 250 |
| — | 097A | — | 5.039 | 128.00 | 4.882 | 124.00 | 5.276 | 134.00 | 0.965 | 24.50 | 4.764 | 121.00 | 4.921 | 125.00 | 150 |
| — | GPT694A | — | 5.071 | 128.80 | 4.986 | 126.64 | 5.188 | 131.76 | 0.500 | 12.70 | 4.854 | 123.29 | 4.978 | 126.44 | 150 |
| 1100A | 1100B | — | 5.090 | 129.29 | 4.910 | 124.71 | 5.500 | 139.70 | 1.030 | 26.16 | 4.830 | 122.68 | 5.010 | 127.25 | 250 |
| 1110A | — | — | 5.200 | 132.08 | 4.990 | 126.75 | 5.630 | 143.00 | 1.030 | 26.16 | 4.920 | 124.97 | 5.100 | 129.54 | 250 |
| — | 098A | — | 5.319 | 135.00 | 5.071 | 128.80 | 5.492 | 139.50 | 1.496 | 38.00 | 4.882 | 124.00 | 5.197 | 132.00 | 150 |
| 099A | — | — | 5.360 | 136.14 | 5.180 | 131.57 | 5.880 | 149.35 | 1.030 | 26.16 | 5.110 | 129.79 | 5.290 | 134.37 | 250 |
| — | 462571 | — | 5.394 | 137.00 | 5.236 | 133.00 | 5.630 | 143.00 | 0.866 | 22.00 | 5.126 | 130.20 | 5.283 | 134.20 | 150 |
| 100A | 100B | — | 5.490 | 139.45 | 5.330 | 135.38 | 5.880 | 149.35 | 0.910 | 23.11 | 5.210 | 132.33 | 5.370 | 136.40 | 250 |
| 101A | 101B | — | 5.620 | 142.75 | 5.470 | 138.94 | 6.130 | 155.70 | 1.000 | 25.40 | 5.390 | 136.91 | 5.540 | 140.72 | 100 |
| — | 12576 | — | 5.732 | 145.60 | 5.492 | 139.50 | 5.906 | 150.00 | 1.437 | 36.50 | 5.315 | 135.00 | 5.512 | 140.00 | 150 |
| 102A | 102B | — | 5.750 | 146.05 | 5.570 | 141.48 | 6.190 | 157.23 | 1.030 | 26.16 | 5.490 | 139.45 | 5.670 | 144.02 | 250 |
| 103A | 103B | — | 5.874 | 149.20 | 5.640 | 143.26 | 6.250 | 158.80 | 1.000 | 25.40 | 5.540 | 140.72 | 5.794 | 147.17 | 100 |
| K1249A | — | — | 5.906 | 150.01 | 5.551 | 141.00 | 6.460 | 164.08 | 1.000 | 25.40 | 5.433 | 138.00 | 5.827 | 148.01 | 140 |
| — | 103AA | — | 6.008 | 152.60 | 5.779 | 146.80 | 6.280 | 159.50 | 1.378 | 35.00 | 5.622 | 142.80 | 5.850 | 148.60 | 100 |
| 104A | 104C | — | 6.180 | 156.97 | 6.010 | 152.65 | 6.620 | 168.15 | 1.000 | 25.40 | 5.920 | 150.37 | 6.100 | 154.94 | 90 |
| — | K1274A | — | 6.357 | 161.47 | 6.050 | 153.67 | 7.043 | 178.89 | 1.165 | 29.69 | 5.984 | 152.00 | 6.299 | 160.00 | 135 |
| — | 12577 | — | 6.390 | 162.30 | 6.142 | 156.00 | 6.587 | 167.30 | 1.445 | 36.70 | 5.976 | 151.80 | 6.252 | 158.80 | 100 |
| 106A | 106B | — | 6.560 | 166.62 | 6.400 | 162.56 | 6.940 | 176.28 | 0.900 | 22.86 | 6.330 | 160.78 | 6.480 | 164.59 | 100 |
| 108A | 108B | — | 6.710 | 170.43 | 6.610 | 167.89 | 7.190 | 182.63 | 1.530 | 38.86 | 6.530 | 165.86 | 6.630 | 168.40 | 100 |
| K436A | — | — | 7.030 | 178.56 | 6.880 | 174.75 | 7.670 | 194.82 | 0.530 | 13.46 | 6.800 | 172.72 | 6.950 | 176.53 | 300 |
| 110A | 110B | — | 7.120 | 180.85 | 7.050 | 179.07 | 7.630 | 193.80 | 1.030 | 26.16 | 6.970 | 177.04 | 7.040 | 178.82 | 100 |
| 112A | — | — | 7.650 | 194.31 | 7.340 | 186.44 | 7.940 | 201.68 | 1.030 | 26.16 | 7.260 | 184.40 | 7.560 | 192.02 | 100 |
| 114A | — | — | 7.840 | 199.14 | 7.660 | 194.56 | 8.120 | 206.25 | 1.031 | 26.19 | 7.580 | 192.53 | 7.760 | 197.10 | 100 |
| 116A | 116B | — | 8.140 | 206.76 | 7.970 | 202.44 | 8.380 | 212.85 | 1.031 | 26.19 | 7.880 | 200.15 | 8.050 | 204.47 | 100 |
| — | 462572 | — | 8.209 | 208.50 | 8.012 | 203.50 | 8.504 | 216.00 | 0.945 | 24.00 | 7.909 | 200.90 | 8.106 | 205.90 | 60 |
| 118A | — | — | 8.350 | 212.09 | 8.150 | 207.01 | 8.750 | 222.25 | 1.406 | 35.71 | 8.050 | 204.47 | 8.250 | 209.55 | 50 |
| 120A | 120B | — | 8.600 | 218.44 | 8.400 | 213.36 | 9.000 | 228.60 | 1.406 | 35.71 | 8.300 | 210.82 | 8.500 | 215.90 | 50 |
| 124A | — | — | 8.730 | 221.74 | 8.670 | 220.22 | 9.130 | 231.90 | 1.531 | 38.89 | 8.550 | 217.17 | 8.625 | 219.08 | 50 |
| — | K1275A | — | 8.803 | 223.60 | 8.505 | 216.03 | 9.508 | 241.50 | 1.145 | 29.08 | 8.386 | 213.00 | 8.780 | 223.01 | 100 |
| 126A | — | — | 9.360 | 237.74 | 9.060 | 230.12 | 9.860 | 250.44 | 1.781 | 4 | | | | | |

TAPERED CAPS & PLUGS



LF Series Wide Flange Caps or Plugs



Specifications:

- Material: Low-Density Polyethylene
- Color: See Table

Features:

- Wider flange assures added protection on bearing surfaces
- Wider flange keeps plug from being accidentally pushed down through the mating part
- The tapered design allows the part to plug multiple inner diameters or cap multiple outside diameters

To Assure Proper Fit:

Plugs

Plug dimension "A" should be approx. 1% larger than the inner diameter of the part.
Minimum of .020"

Caps

Cap dimension "E" should be approx. 1% smaller than the outside diameter of the part.
Minimum of .020"

| tem No. | Use as a Plug | | | | Use as a Cap | | | | | | | Color | Bulk Pack Qty | | | |
|---------|---------------|-------|-------|-------|--------------|-------|-------|-------|-------|-------|-------|-------|---------------|------|--------|-------|
| | A | | B | | C | | D | | E | | F | | | G | | |
| | in | mm | in | mm | in | mm | in | mm | in | mm | in | mm | in | mm | | |
| LF2A | 0.240 | 6.10 | 0.173 | 4.39 | 0.562 | 14.27 | 0.465 | 11.81 | 0.111 | 2.82 | 0.177 | 4.50 | 0.090 | 2.29 | Blue | 5500 |
| LF3A | 0.290 | 7.37 | 0.236 | 5.99 | 0.485 | 12.32 | 0.402 | 10.21 | 0.146 | 3.71 | 0.245 | 6.22 | 0.090 | 2.29 | Blue | 5000 |
| LF5A | 0.374 | 9.50 | 0.307 | 7.80 | 0.724 | 18.39 | 0.404 | 10.26 | 0.248 | 6.30 | 0.303 | 7.70 | 0.030 | 0.76 | Red | 5000 |
| LF6A | 0.418 | 10.62 | 0.367 | 9.32 | 0.740 | 18.80 | 0.402 | 10.21 | 0.298 | 7.57 | 0.354 | 8.99 | 0.090 | 2.29 | Blue | 5000 |
| LF7A | 0.447 | 11.35 | 0.397 | 10.08 | 0.795 | 20.19 | 0.402 | 10.21 | 0.328 | 8.33 | 0.383 | 9.73 | 0.090 | 2.29 | Blue | 5000 |
| LF8A | 0.475 | 12.07 | 0.427 | 10.85 | 0.812 | 20.62 | 0.402 | 10.21 | 0.356 | 9.04 | 0.422 | 10.72 | 0.090 | 2.29 | Blue | 4750 |
| 12433 | 0.484 | 12.30 | 0.421 | 10.70 | 0.866 | 22.00 | 0.404 | 10.26 | 0.358 | 9.10 | 0.421 | 10.70 | 0.030 | 0.76 | Red | 10000 |
| LF9A | 0.509 | 12.93 | 0.440 | 11.18 | 0.820 | 20.83 | 0.465 | 11.81 | 0.375 | 9.53 | 0.450 | 11.43 | 0.090 | 2.29 | Blue | 7500 |
| 10420 | 0.520 | 13.20 | 0.445 | 11.30 | 1.142 | 29.00 | 0.463 | 11.76 | 0.386 | 9.80 | 0.457 | 11.60 | 0.030 | 0.76 | Red | 10000 |
| LF10A | 0.547 | 13.89 | 0.481 | 12.22 | 0.870 | 22.10 | 0.460 | 11.68 | 0.409 | 10.39 | 0.493 | 12.52 | 0.090 | 2.29 | Blue | 7000 |
| 12434 | 0.610 | 15.50 | 0.531 | 13.50 | 1.181 | 30.00 | 0.404 | 10.26 | 0.449 | 11.40 | 0.520 | 13.20 | 0.030 | 0.76 | Red | 5000 |
| LF11A | 0.616 | 15.65 | 0.530 | 13.46 | 0.940 | 23.88 | 0.470 | 11.94 | 0.470 | 11.94 | 0.570 | 14.48 | 0.090 | 2.29 | Blue | 5000 |
| LF11XA | 0.631 | 16.03 | 0.565 | 14.35 | 0.950 | 24.13 | 0.491 | 12.47 | 0.500 | 12.70 | 0.580 | 14.73 | 0.090 | 2.29 | Blue | 5000 |
| LF12A | 0.659 | 16.74 | 0.580 | 14.99 | 0.983 | 24.97 | 0.527 | 13.39 | 0.518 | 13.16 | 0.605 | 15.37 | 0.090 | 2.29 | Blue | 4500 |
| 18351 | 0.665 | 16.90 | 0.579 | 14.70 | 1.000 | 25.40 | 0.545 | 13.84 | 0.520 | 13.20 | 0.606 | 15.40 | 0.045 | 1.14 | Red | 6000 |
| LF12XA | 0.687 | 17.45 | 0.610 | 15.49 | 1.031 | 26.19 | 0.527 | 13.39 | 0.548 | 13.92 | 0.635 | 16.13 | 0.090 | 2.29 | Blue | 4500 |
| LF13XA | 0.710 | 18.03 | 0.655 | 16.64 | 1.062 | 26.97 | 0.528 | 13.41 | 0.585 | 14.86 | 0.647 | 16.43 | 0.090 | 2.29 | Yellow | 4000 |
| LF13A | 0.725 | 18.42 | 0.628 | 15.95 | 1.062 | 26.97 | 0.528 | 13.41 | 0.558 | 14.17 | 0.667 | 16.94 | 0.090 | 2.29 | Yellow | 5000 |
| LF15A | 0.775 | 19.69 | 0.690 | 17.53 | 1.125 | 28.58 | 0.559 | 14.20 | 0.620 | 15.75 | 0.721 | 18.31 | 0.090 | 2.29 | Blue | 3500 |
| 12435 | 0.787 | 20.00 | 0.689 | 17.50 | 1.374 | 34.90 | 0.608 | 15.44 | 0.634 | 16.10 | 0.728 | 18.50 | 0.045 | 1.14 | Red | 3000 |
| LF15XA | 0.812 | 20.62 | 0.725 | 18.42 | 1.140 | 28.96 | 0.580 | 14.99 | 0.662 | 16.81 | 0.765 | 19.43 | 0.090 | 2.29 | Blue | 3000 |
| 18356 | 0.846 | 21.50 | 0.752 | 19.10 | 1.500 | 38.10 | 0.608 | 15.44 | 0.693 | 17.60 | 0.783 | 19.90 | 0.045 | 1.14 | Red | 2500 |
| LF16A | 0.870 | 22.10 | 0.755 | 19.18 | 1.185 | 30.10 | 0.580 | 14.99 | 0.693 | 17.60 | 0.808 | 20.52 | 0.090 | 2.29 | Blue | 3000 |
| LF17A | 0.920 | 23.37 | 0.820 | 20.83 | 1.250 | 31.75 | 0.621 | 15.77 | 0.741 | 18.82 | 0.865 | 21.97 | 0.090 | 2.29 | Blue | 2300 |
| LF18A | 0.975 | 24.77 | 0.867 | 22.02 | 1.281 | 32.54 | 0.650 | 16.51 | 0.805 | 20.45 | 0.913 | 23.19 | 0.090 | 2.29 | Blue | 4000 |
| 12436 | 0.984 | 25.00 | 0.862 | 21.90 | 1.890 | 48.00 | 0.734 | 18.64 | 0.744 | 18.90 | 0.866 | 22.00 | 0.045 | 1.14 | Red | 1500 |
| LF19A | 1.020 | 25.90 | 0.950 | 24.13 | 1.344 | 34.13 | 0.715 | 18.16 | 0.875 | 22.22 | 0.957 | 24.30 | 0.090 | 2.29 | Blue | 1500 |
| 18357 | 1.091 | 27.70 | 0.972 | 24.70 | 1.500 | 38.10 | 0.797 | 20.24 | 0.913 | 23.20 | 1.028 | 26.10 | 0.045 | 1.14 | Red | 1500 |
| LF20A | 1.105 | 28.07 | 0.984 | 24.99 | 1.437 | 36.50 | 0.746 | 18.95 | 0.920 | 23.37 | 1.040 | 26.42 | 0.090 | 2.29 | Blue | 3000 |
| LF21A | 1.323 | 33.60 | 1.197 | 30.40 | 1.862 | 47.29 | 0.643 | 16.33 | 1.094 | 27.79 | 1.209 | 30.71 | 0.045 | 1.14 | Red | 1400 |
| 18360 | 1.354 | 34.40 | 1.224 | 31.10 | 1.874 | 47.60 | 0.797 | 20.24 | 1.173 | 29.80 | 1.291 | 32.80 | 0.045 | 1.14 | Red | 1000 |
| LF22A | 1.382 | 35.10 | 1.237 | 31.42 | 1.687 | 42.85 | 0.746 | 18.95 | 1.167 | 29.64 | 1.312 | 33.32 | 0.090 | 2.29 | Blue | 2000 |
| LF23XA | 1.466 | 37.24 | 1.312 | 33.32 | 1.845 | 46.86 | 0.775 | 19.69 | 1.250 | 31.75 | 1.425 | 36.20 | 0.120 | 3.05 | Blue | 1700 |
| LF24A | 1.604 | 40.74 | 1.450 | 36.83 | 1.938 | 49.23 | 0.745 | 18.92 | 1.380 | 35.05 | 1.550 | 39.37 | 0.120 | 3.05 | Blue | 1500 |
| LF26A | 1.764 | 44.81 | 1.630 | 41.40 | 2.252 | 57.20 | 0.784 | 19.91 | 1.563 | 39.70 | 1.693 | 43.00 | 0.035 | 0.90 | Red | 700 |
| LF28A | 1.890 | 48.01 | 1.730 | 43.94 | 2.312 | 58.72 | 0.745 | 18.92 | 1.650 | 41.91 | 1.825 | 46.36 | 0.120 | 3.05 | Blue | 1100 |
| LF30A | 2.043 | 51.89 | 1.858 | 47.19 | 2.835 | 72.01 | 1.004 | 25.50 | 1.752 | 44.50 | 1.917 | 48.69 | 0.059 | 1.50 | Red | 400 |
| LF32A | 2.075 | 52.71 | 1.902 | 48.31 | 2.500 | 63.50 | 1.059 | 26.90 | 1.823 | 46.30 | 1.996 | 50.70 | 0.059 | 1.50 | Red | 1000 |
| LF34A | 2.130 | 54.10 | 2.028 | 51.51 | 2.626 | 66.70 | 0.768 | 19.50 | 1.953 | 49.61 | 2.047 | 51.99 | 0.039 | 1.00 | Red | 500 |
| LF36A | 2.402 | 61.01 | 2.146 | 54.51 | 3.012 | 76.50 | 1.024 | 26.00 | 2.055 | 52.20 | 2.323 | 59.00 | 0.039 | 1.00 | Red | 300 |
| LF38A | 2.614 | 66.40 | 2.441 | 62.00 | 3.267 | 83.00 | 1.152 | 29.26 | 2.323 | 59.00 | 2.531 | 64.30 | 0.050 | 1.27 | Red | 250 |

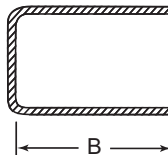
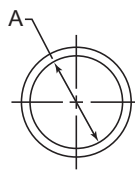
FREE SAMPLES

See our full range of Masking Solutions on page 66

MASKING PLUGS

Temperature protection up to **600°F**

A & AR Series
Round End Caps

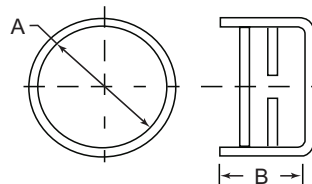


Specifications:

- Material: Low-Density Polyethylene
- Color: See Table

Features:

- Designed to protect outside diameters
- Parts with a W/R have an internal molded ring for extra gripping power
- Parts with AR prefix have internal ribs for superior retention



AR Prefix

See pages 64 and 65 for Application Wizards

| Item No. | A | | B | | Color | Bulk Pack Qty |
|-------------|-------|-------|-------|-------|---------|---------------|
| | in | mm | in | mm | | |
| A3/32W/RA | 0.094 | 2.38 | 0.625 | 15.88 | Blue | 5000 |
| A1/8W/RA | 0.125 | 3.18 | 0.625 | 15.88 | Blue | 5000 |
| A5/32W/RA | 0.156 | 3.97 | 0.625 | 15.88 | Blue | 5000 |
| A3/16W/RA | 0.187 | 4.76 | 0.625 | 15.88 | Blue | 5000 |
| A1/4W/RA | 0.250 | 6.35 | 0.875 | 22.23 | Blue | 5000 |
| L1/4A | 0.250 | 6.35 | 1.750 | 44.45 | Blue | 7500 |
| AS9/32A | 0.281 | 7.14 | 0.500 | 12.70 | Blue | 6500 |
| A9/32A | 0.281 | 7.14 | 0.875 | 22.23 | Blue | 6500 |
| AC5/16W/RA | 0.295 | 7.49 | 0.875 | 22.23 | Blue | 6000 |
| A5/16W/RA | 0.313 | 7.94 | 0.875 | 22.23 | Blue | 5000 |
| L5/16A | 0.313 | 7.94 | 1.750 | 44.45 | Blue | 4500 |
| A3/8W/RA | 0.375 | 9.53 | 0.875 | 22.23 | Blue | 4250 |
| L3/8A | 0.375 | 9.53 | 1.750 | 44.45 | Blue | 3800 |
| AR100A | 0.390 | 9.91 | 0.630 | 16.00 | Red | 10000 |
| AS7/16A | 0.437 | 11.11 | 0.500 | 12.70 | Blue | 6000 |
| A7/16W/RA | 0.437 | 11.11 | 0.875 | 22.23 | Blue | 7000 |
| AR105A | 0.450 | 11.43 | 0.630 | 16.00 | Red | 10000 |
| A1/2BA | 0.470 | 11.94 | 0.875 | 22.23 | Blue | 5000 |
| A1/2A | 0.495 | 12.57 | 0.875 | 22.23 | Blue | 5000 |
| AS1/2A | 0.500 | 12.70 | 0.500 | 12.70 | Blue | 5000 |
| A1/2W/RA | 0.500 | 12.70 | 0.875 | 22.23 | Blue | 5000 |
| AS9/16A | 0.563 | 14.29 | 0.563 | 14.29 | Blue | 6500 |
| A9/16A | 0.563 | 14.29 | 0.875 | 22.23 | Blue | 4000 |
| A9/16W/RA | 0.563 | 14.29 | 0.875 | 22.23 | Blue | 4000 |
| AR110A | 0.580 | 14.73 | 0.787 | 20.00 | Red | 5000 |
| AS5/8A | 0.625 | 15.88 | 0.375 | 9.53 | Blue | 4250 |
| A5/8W/RA | 0.625 | 15.88 | 0.875 | 22.23 | Blue | 3500 |
| AR115A | 0.630 | 16.00 | 0.787 | 20.00 | Red | 5000 |
| AS11/16W/RA | 0.687 | 17.46 | 0.750 | 19.05 | Blue | 4000 |
| A11/16A | 0.687 | 17.46 | 0.875 | 22.23 | Blue | 3000 |
| A11/16W/RA | 0.687 | 17.46 | 0.875 | 22.23 | Blue | 3000 |
| A23/32A | 0.720 | 18.29 | 1.310 | 33.27 | Blue | 1700 |
| K505A | 0.720 | 18.29 | 1.500 | 38.10 | Blue | 2800 |
| K505W/RA | 0.720 | 18.29 | 1.500 | 38.10 | Natural | 2800 |
| AR120A | 0.727 | 18.47 | 0.787 | 20.00 | Red | 2500 |
| AS3/4A | 0.750 | 19.05 | 0.375 | 9.53 | Blue | 6000 |
| A3/4A | 0.750 | 19.05 | 0.875 | 22.23 | Blue | 5000 |
| A3/4W/RA | 0.750 | 19.05 | 0.875 | 22.23 | Blue | 5000 |
| AR125A | 0.787 | 20.00 | 0.787 | 20.00 | Red | 2000 |
| AS13/16W/RA | 0.813 | 20.64 | 0.344 | 8.73 | Blue | 6000 |
| A13/16A | 0.813 | 20.64 | 0.875 | 22.23 | Blue | 4500 |
| A13/16W/RA | 0.813 | 20.64 | 0.875 | 22.23 | Blue | 4500 |
| AR130A | 0.866 | 22.00 | 0.787 | 20.00 | Red | 2500 |
| AS7/8W/RA | 0.875 | 22.23 | 0.500 | 12.70 | Blue | 3500 |
| A7/8W/RA | 0.875 | 22.23 | 0.875 | 22.23 | Blue | 4000 |
| L7/8A | 0.875 | 22.23 | 1.750 | 44.45 | Blue | 2000 |

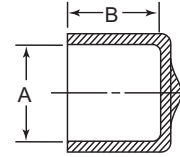
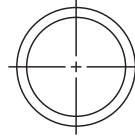
| Item No. | A | | B | | Color | Bulk Pack Qty |
|--------------|-------|--------|-------|-------|--------|---------------|
| | in | mm | in | mm | | |
| A15/16A | 0.937 | 23.81 | 0.813 | 20.64 | Blue | 3500 |
| AR135A | 0.961 | 24.41 | 0.827 | 21.01 | Red | 2000 |
| A63/64A | 0.980 | 24.89 | 1.310 | 33.27 | Blue | 2000 |
| AS1A | 1.000 | 25.40 | 0.375 | 9.53 | Blue | 4000 |
| A1A | 1.000 | 25.40 | 0.750 | 19.05 | Blue | 3500 |
| A1W/RA | 1.000 | 25.40 | 0.750 | 19.05 | Blue | 3500 |
| AL1A | 1.000 | 25.40 | 1.000 | 25.40 | Blue | 2500 |
| L1B | 1.000 | 25.40 | 1.750 | 45.72 | Blue | 1400 |
| A1-1/16A | 1.063 | 26.99 | 0.875 | 22.23 | Blue | 3000 |
| A1-1/16W/RA | 1.063 | 26.99 | 0.875 | 22.23 | Blue | 3000 |
| AR140A | 1.102 | 28.00 | 1.043 | 26.50 | Red | 1000 |
| A1-1/8A | 1.125 | 28.58 | 0.875 | 22.23 | Blue | 2500 |
| A1-3/16W/RA | 1.187 | 30.16 | 1.000 | 25.40 | Blue | 2000 |
| AR145A | 1.200 | 30.48 | 1.043 | 26.50 | Red | 800 |
| AS1-1/4A | 1.250 | 31.75 | 0.625 | 15.88 | Blue | 3000 |
| A1-1/4A | 1.250 | 31.75 | 0.875 | 22.23 | Blue | 2000 |
| A1-5/16A | 1.313 | 33.34 | 0.875 | 22.23 | Blue | 2000 |
| A1-5/16W/RA | 1.313 | 33.34 | 0.875 | 22.23 | Blue | 2000 |
| A1-3/8A | 1.375 | 34.93 | 0.875 | 22.23 | Blue | 1800 |
| AR150A | 1.378 | 35.00 | 1.043 | 26.50 | Red | 800 |
| A1-7/16A | 1.437 | 36.51 | 0.875 | 22.23 | Blue | 1600 |
| AR155A | 1.444 | 36.68 | 1.031 | 26.19 | Red | 500 |
| A1-1/2A | 1.500 | 38.10 | 0.875 | 22.23 | Blue | 1500 |
| A1-9/16A | 1.563 | 39.69 | 1.000 | 25.40 | Blue | 1200 |
| A1-5/8A | 1.625 | 41.28 | 1.000 | 25.40 | Blue | 1900 |
| A1-11/16A | 1.688 | 42.87 | 0.875 | 22.23 | Blue | 1200 |
| A1-3/4A | 1.750 | 44.45 | 0.875 | 22.23 | Blue | 1200 |
| A1-7/8A | 1.875 | 47.63 | 0.875 | 22.23 | Blue | 1000 |
| A2A | 2.000 | 50.80 | 0.875 | 22.23 | Blue | 1000 |
| A2-1/8A | 2.125 | 53.98 | 0.875 | 22.23 | Blue | 900 |
| AR160A | 2.125 | 54.00 | 1.094 | 27.80 | Red | 300 |
| A2-1/4A | 2.250 | 57.15 | 1.250 | 31.75 | Blue | 450 |
| A2-3/8A | 2.375 | 60.33 | 0.875 | 22.23 | Blue | 700 |
| A2-1/2A | 2.500 | 63.50 | 0.875 | 22.23 | Blue | 600 |
| AS2-9/16A | 2.563 | 65.09 | 0.375 | 9.53 | Blue | 1200 |
| A2-19/32W/RA | 2.575 | 65.40 | 1.000 | 25.40 | Blue | 500 |
| A2-5/8A | 2.615 | 66.42 | 1.000 | 25.40 | Blue | 425 |
| A2-3/4A | 2.725 | 69.22 | 1.090 | 27.68 | Blue | 450 |
| A3A | 2.980 | 75.69 | 1.000 | 25.40 | Blue | 400 |
| A3-1/8A | 3.125 | 79.38 | 1.375 | 34.93 | Blue | 250 |
| A3-1/4A | 3.250 | 82.55 | 1.875 | 47.63 | Blue | 150 |
| A3-1/2A | 3.500 | 88.90 | 1.000 | 25.40 | Blue | 300 |
| A3-3/4A | 3.740 | 94.99 | 1.000 | 25.40 | Blue | 225 |
| A4A | 3.990 | 101.34 | 1.000 | 25.40 | Blue | 200 |
| A4-1/8A | 4.115 | 104.52 | 1.000 | 25.40 | Blue | 200 |
| AR165A | 4.331 | 110.00 | 1.362 | 34.60 | Yellow | 150 |

PIPE CAPS & PLUGS

See Pages 92 - 95 | www.essentracomponents.com



DM & DMS Series Round Vinyl End Caps



Specifications:

- Material: Vinyl (PVC)
- Color: DM – Black – 75 Durometer
DMS – Red – 63 Durometer
- Temperature Range: Up to 350°F (177°C)
- For high temperature up to 425°F (218°C) see page 71

Features:

- Flexible material can stretch onto larger dimensions for a snug fit without tearing, splitting or shredding
- Typically used to protect threaded or non-threaded tubing, rods, pipe or paper tubes
- Glossy and attractive finish makes this part ideal for use as a decorative end cap
- Red colored parts are highly visible

See pages 64 and 65 for Application Wizards

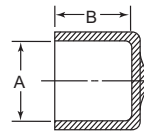
| A = To Fit | | Item No. | | | Bulk Pack Qty | | | |
|------------|-------|-------------------|-----------------|-----------------------|---------------|--------|-------|------------|
| in | mm | B Length | | | Color | 1/2 in | 1 in | 1 - 1/2 in |
| | | 1/2 in (12.70 mm) | 1 in (25.40 mm) | 1 - 1/2 in (38.10 mm) | | | | |
| 0.078 | 1.98 | DM0080-1/2A | DM0080-1A | — | Black | 5000 | 5000 | — |
| 0.094 | 2.38 | DM0093-1/2A | DM0093-1A | — | Black | 5000 | 10000 | — |
| 0.109 | 2.78 | DM0110-1/2A | DM0110-1A | — | Black | 5000 | 5000 | — |
| 0.125 | 3.18 | DM0125-1/2A | DM0125-1A | — | Black | 5000 | 5000 | — |
| 0.125 | 3.18 | — | DMS0125-1A | — | Red | — | 5000 | — |
| 0.141 | 3.57 | DM0140-1/2A | DM0140-1A | DM0140-1-1/2A | Black | 5000 | 5000 | 5000 |
| 0.141 | 3.57 | — | DMS0140-1A | — | Red | — | 5000 | — |
| 0.148 | 3.76 | DM0148-1/2A | DM0148-1A | DM0148-1-1/2A | Black | 5000 | 5000 | 5000 |
| 0.156 | 3.97 | DM0156-1/2A | DM0156-1A | DM0156-1-1/2A | Black | 5000 | 5000 | 5000 |
| 0.172 | 4.37 | DM0172-1/2A | DM0172-1A | DM0172-1-1/2A | Black | 5000 | 5000 | 5000 |
| 0.172 | 4.37 | — | DMS0172-1A | — | Red | — | 5000 | — |
| 0.180 | 4.57 | DM0180-1/2A | DM0180-1A | DM0180-1-1/2A | Black | 5000 | 5000 | 5000 |
| 0.187 | 4.75 | DM0187-1/2A | DM0187-1A | DM0187-1-1/2A | Black | 5000 | 5000 | 5000 |
| 0.187 | 4.75 | — | DMS0187-1A | — | Red | — | 5000 | — |
| 0.203 | 5.16 | DM0203-1/2A | DM0203-1A | DM0203-1-1/2A | Black | 5000 | 5000 | 5000 |
| 0.203 | 5.16 | — | DMS0203-1A | — | Red | — | 5000 | — |
| 0.207 | 5.26 | DM0207-1/2A | DM0207-1A | DM0207-1-1/2A | Black | 5000 | 5000 | 5000 |
| 0.218 | 5.54 | DM0218-1/2A | DM0218-1A | DM0218-1-1/2A | Black | 5000 | 5000 | 5000 |
| 0.224 | 5.69 | DM0224-1/2A | DM0224-1A | DM0224-1-1/2A | Black | 5000 | 5000 | 5000 |
| 0.230 | 5.84 | DM0230-1/2A | DM0230-1A | DM0230-1-1/2A | Black | 5000 | 7500 | 5000 |
| 0.234 | 5.95 | DM0234-1/2A | DM0234-1A | DM0234-1-1/2A | Black | 5000 | 5000 | 3000 |
| 0.234 | 5.95 | — | DMS0234-1A | — | Red | — | 5000 | — |
| 0.240 | 6.10 | DM0240-1/2A | DM0240-1A | DM0240-1-1/2A | Black | 5000 | 5000 | 5000 |
| 0.250 | 6.35 | DM0250-1/2A | DM0250-1A | DM0250-1-1/2A | Black | 5000 | 5000 | 5000 |
| 0.250 | 6.35 | DMS0250-1/2A | DMS0250-1A | — | Red | 5000 | 5000 | — |
| 0.281 | 7.14 | DM0281-1/2A | DM0281-1A | DM0281-1-1/2A | Black | 5000 | 5000 | 5000 |
| 0.281 | 7.14 | DMS0281-1/2A | DMS0281-1A | — | Red | 5000 | 5000 | — |
| 0.290 | 7.37 | DM0290-1/2A | DM0290-1A | DM0290-1-1/2A | Black | 5000 | 5000 | 5000 |
| 0.304 | 7.72 | DM0304-1/2A | DM0304-1A | DM0304-1-1/2A | Black | 5000 | 5000 | 2500 |
| 0.313 | 7.94 | DM0313-1/2A | DM0313-1A | DM0313-1-1/2A | Black | 5000 | 5000 | 4000 |
| 0.313 | 7.94 | DMS0313-1/2A | DMS0313-1A | — | Red | 5000 | 5000 | — |
| 0.343 | 8.71 | DM0343-1/2A | DM0343-1A | DM0343-1-1/2A | Black | 5000 | 5000 | 4000 |
| 0.343 | 8.71 | — | DMS0343-1A | — | Red | — | 5000 | — |
| 0.360 | 9.14 | DM0360-1/2A | DM0360-1A | DM0360-1-1/2A | Black | 5000 | 5000 | 2500 |
| 0.375 | 9.53 | DM0375-1/2A | DM0375-1A | DM0375-1-1/2A | Black | 5000 | 5000 | 2500 |
| 0.375 | 9.53 | DMS0375-1/2A | DMS0375-1A | — | Red | 5000 | 5000 | — |
| 0.406 | 10.32 | DM0406-1/2A | DM0406-1A | DM0406-1-1/2A | Black | 5000 | 5000 | 5000 |
| 0.420 | 10.66 | DM0420-1/2A | DM0420-1A | DM0420-1-1/2A | Black | 5000 | 5000 | 5000 |
| 0.437 | 11.10 | DM0437-1/2A | DM0437-1A | DM0437-1-1/2A | Black | 5000 | 5000 | 4000 |
| 0.437 | 11.10 | DMS0437-1/2A | DMS0437-1A | DMS0437-1-1/2A | Red | 5000 | 5000 | 4000 |
| 0.460 | 11.68 | DM0460-1/2A | DM0460-1A | DM0460-1-1/2A | Black | 5000 | 3000 | 1500 |
| 0.470 | 11.94 | DM0470-1/2A | DM0470-1A | DM0470-1-1/2A | Black | 5000 | 5000 | 3000 |
| 0.470 | 11.94 | — | DMS0470-1A | — | Red | — | 5000 | — |
| 0.490 | 12.45 | DM0490-1/2A | DM0490-1A | DM0490-1-1/2A | Black | 5000 | 3000 | 1500 |
| 0.500 | 12.70 | DM0500-1/2A | DM0500-1A | DM0500-1-1/2A | Black | 5000 | 5000 | 2500 |
| 0.500 | 12.70 | DMS0500-1/2A | DMS0500-1A | DMS0500-1-1/2A | Red | 5000 | 5000 | 2500 |
| 0.523 | 13.28 | DM0523-1/2A | DM0523-1A | DM0523-1-1/2A | Black | 5000 | 2500 | 2500 |
| 0.531 | 13.49 | DM0531-1/2A | DM0531-1A | DM0531-1-1/2A | Black | 5000 | 5000 | 2500 |
| 0.531 | 13.49 | — | DMS0531-1A | — | Red | — | 5000 | — |
| 0.544 | 13.82 | DM0544-1/2A | DM0544-1A | DM0544-1-1/2A | Black | 5000 | 5000 | 2500 |
| 0.544 | 13.82 | — | DMS0544-1A | — | Red | — | 5000 | — |
| 0.562 | 14.27 | DM0562-1/2A | DM0562-1A | DM0562-1-1/2A | Black | 5000 | 2500 | 3000 |
| 0.562 | 14.27 | DMS0562-1/2A | DMS0562-1A | DMS0562-1-1/2A | Red | 5000 | 2500 | 3000 |
| 0.587 | 14.90 | DM0587-1/2A | DM0587-1A | DM0587-1-1/2A | Black | 5000 | 2500 | 1200 |
| 0.600 | 15.24 | DM0600-1/2A | DM0600-1A | DM0600-1-1/2A | Black | 5000 | 2000 | 1200 |
| 0.625 | 15.88 | DM0625-1/2A | DM0625-1A | DM0625-1-1/2A | Black | 5000 | 2500 | 1250 |
| 0.625 | 15.88 | DMS0625-1/2A | DMS0625-1A | DMS0625-1-1/2A | Red | 5000 | 2500 | 1250 |
| 0.640 | 16.26 | DM0640-1/2A | DM0640-1A | DM0640-1-1/2A | Black | 5000 | 5000 | 2500 |
| 0.665 | 16.89 | DM0665-1/2A | DM0665-1A | DM0665-1-1/2A | Black | 5000 | 2500 | 2500 |
| 0.687 | 17.45 | DM0687-1/2A | DM0687-1A | DM0687-1-1/2A | Black | 5000 | 2500 | 1500 |
| 0.687 | 17.45 | DMS0687-1/2A | DMS0687-1A | DMS0687-1-1/2A | Red | 5000 | 2500 | 1500 |
| 0.725 | 18.42 | DM0725-1/2A | DM0725-1A | DM0725-1-1/2A | Black | 5000 | 2500 | 1000 |
| 0.750 | 19.05 | DM0750-1/2A | DM0750-1A | DM0750-1-1/2A | Black | 5000 | 2500 | 500 |
| 0.750 | 19.05 | DMS0750-1/2A | DMS0750-1A | DMS0750-1-1/2A | Red | 5000 | 2500 | 500 |
| 0.812 | 20.62 | DM0812-1/2A | DM0812-1A | DM0812-1-1/2A | Black | 2500 | 2500 | 1000 |
| 0.812 | 20.62 | DMS0812-1/2A | DMS0812-1A | DMS0812-1-1/2A | Red | 2500 | 2500 | 1000 |
| 0.843 | 21.41 | DM0843-1/2A | DM0843-1A | DM0843-1-1/2A | Black | 5000 | 2500 | 1200 |
| 0.843 | 21.41 | — | DMS0843-1A | — | Red | — | 2500 | — |

(Continued on next page >)



PUSH-FIT CAPS

DM & DMS Series
Round Vinyl End Caps (continued)



See pages 64 and 65 for Application Wizards

| A = To Fit | | Item No. | | | Color | Bulk Pack Qty | | |
|------------|--------|-------------------|-----------------|-----------------------|-------|---------------|------|------------|
| in | mm | 1/2 in (12.70 mm) | 1 in (25.40 mm) | 1 - 1/2 in (38.10 mm) | | 1/2 in | 1 in | 1 - 1/2 in |
| 0.875 | 22.23 | DM0875-1/2A | DM0875-1A | DM0875-1-1/2A | Black | 5000 | 2500 | 1250 |
| 0.875 | 22.23 | DMS0875-1/2A | DMS0875-1A | DMS0875-1-1/2A | Red | 5000 | 2500 | 1250 |
| 0.937 | 23.80 | DM0937-1/2A | DM0937-1A | DM0937-1-1/2A | Black | 2500 | 2500 | 1000 |
| 0.937 | 23.80 | — | DMS0937-1A | — | Red | — | 2500 | — |
| 0.985 | 25.02 | DM0985-1/2A | DM0985-1A | DM0985-1-1/2A | Black | 2500 | 1500 | 1250 |
| 1.000 | 25.40 | DM1000-1/2A | DM1000-1A | DM1000-1-1/2A | Black | 2500 | 2000 | 1250 |
| 1.000 | 25.40 | DMS1000-1/2A | DMS1000-1A | DMS1000-1-1/2A | Red | 2500 | 2000 | 1250 |
| 1.062 | 26.97 | DM1062-1/2A | DM1062-1A | DM1062-1-1/2A | Black | 3000 | 1500 | 1250 |
| 1.062 | 26.97 | — | DMS1062-1A | — | Red | — | 1500 | — |
| 1.090 | 27.69 | DM1090-1/2A | DM1090-1A | DM1090-1-1/2A | Black | 2000 | 1000 | 500 |
| 1.125 | 28.58 | DM1125-1/2A | DM1125-1A | DM1125-1-1/2A | Black | 1000 | 1000 | 500 |
| 1.125 | 28.58 | DMS1125-1/2A | DMS1125-1A | DMS1125-1-1/2A | Red | 1000 | 1000 | 500 |
| 1.187 | 30.15 | DM1187-1/2A | DM1187-1A | DM1187-1-1/2A | Black | 2500 | 1000 | 1000 |
| 1.187 | 30.15 | — | DMS1187-1A | — | Red | — | 1000 | — |
| 1.250 | 31.75 | DM1250-1/2A | DM1250-1A | DM1250-1-1/2A | Black | 2500 | 1000 | 700 |
| 1.250 | 31.75 | DMS1250-1/2A | DMS1250-1A | DMS1250-1-1/2A | Red | 2500 | 1000 | 700 |
| 1.312 | 33.32 | DM1312-1/2A | DM1312-1A | DM1312-1-1/2A | Black | 2000 | 1000 | 500 |
| 1.375 | 34.93 | DM1375-1/2A | DM1375-1A | DM1375-1-1/2A | Black | 2000 | 1000 | 650 |
| 1.375 | 34.93 | — | DMS1375-1A | — | Red | — | 1000 | — |
| 1.437 | 36.50 | DM1437-1/2A | DM1437-1A | DM1437-1-1/2A | Black | 1000 | 1000 | 600 |
| 1.500 | 38.10 | DM1500-1/2A | DM1500-1A | DM1500-1-1/2A | Black | 1000 | 1000 | 600 |
| 1.500 | 38.10 | DMS1500-1/2A | DMS1500-1A | DMS1500-1-1/2A | Red | 1000 | 1000 | 600 |
| 1.593 | 40.46 | DM1593-1/2A | DM1593-1A | DM1593-1-1/2A | Black | 1700 | 1000 | 500 |
| 1.625 | 41.28 | DM1625-1/2A | DM1625-1A | DM1625-1-1/2A | Black | 500 | 750 | 500 |
| 1.625 | 41.28 | — | DMS1625-1A | DMS1625-1-1/2A | Red | — | 750 | 500 |
| 1.687 | 42.85 | DM1687-1/2A | DM1687-1A | DM1687-1-1/2A | Black | 1000 | 500 | 400 |
| 1.687 | 42.85 | — | DMS1687-1A | — | Red | — | 500 | — |
| 1.750 | 44.45 | DM1750-1/2A | DM1750-1A | DM1750-1-1/2A | Black | 1000 | 500 | 500 |
| 1.750 | 44.45 | — | DMS1750-1A | DMS1750-1-1/2A | Red | — | 500 | 500 |
| 1.812 | 46.02 | DM1812-1/2A | DM1812-1A | DM1812-1-1/2A | Black | 1000 | 500 | 400 |
| 1.875 | 47.63 | DM1875-1/2A | DM1875-1A | DM1875-1-1/2A | Black | 700 | 625 | 400 |
| 1.875 | 47.63 | — | DMS1875-1A | — | Red | — | 625 | — |
| 1.937 | 49.19 | DM1937-1/2A | DM1937-1A | DM1937-1-1/2A | Black | 1000 | 550 | 400 |
| 2.000 | 50.80 | DM2000-1/2A | DM2000-1A | DM2000-1-1/2A | Black | 1000 | 550 | 400 |
| 2.000 | 50.80 | DMS2000-1/2A | DMS2000-1A | DMS2000-1-1/2A | Red | 1000 | 550 | 400 |
| 2.125 | 53.98 | DM2125-1/2A | DM2125-1A | DM2125-1-1/2A | Black | 500 | 400 | 300 |
| 2.125 | 53.98 | — | DMS2125-1A | — | Red | — | 400 | — |
| 2.156 | 54.76 | DM2156-1/2A | DM2156-1A | DM2156-1-1/2A | Black | 1000 | 550 | 250 |
| 2.250 | 57.15 | DM2250-1/2A | DM2250-1A | DM2250-1-1/2A | Black | 250 | 500 | 300 |
| 2.250 | 57.15 | — | DMS2250-1A | DMS2250-1-1/2A | Red | — | 500 | 300 |
| 2.375 | 60.33 | DM2375-1/2A | DM2375-1A | DM2375-1-1/2A | Black | 500 | 350 | 250 |
| 2.460 | 62.48 | DM2460-1/2A | DM2460-1A | DM2460-1-1/2A | Black | 1000 | 350 | 200 |
| 2.500 | 63.50 | DM2500-1/2A | DM2500-1A | DM2500-1-1/2A | Black | 500 | 300 | 200 |
| 2.500 | 63.50 | — | DMS2500-1A | DMS2500-1-1/2A | Red | — | 300 | 200 |
| 2.625 | 66.68 | DM2625-1/2A | DM2625-1A | DM2625-1-1/2A | Black | 500 | 250 | 250 |
| 2.687 | 68.25 | DM2687-1/2A | DM2687-1A | DM2687-1-1/2A | Black | 400 | 250 | 200 |
| 2.750 | 69.85 | DM2750-1/2A | DM2750-1A | DM2750-1-1/2A | Black | 500 | 250 | 250 |
| 2.750 | 69.85 | — | DMS2750-1A | — | Red | — | 250 | — |
| 2.875 | 73.03 | DM2875-1/2A | DM2875-1A | DM2875-1-1/2A | Black | 500 | 250 | 200 |
| 3.000 | 76.20 | DM3000-1/2A | DM3000-1A | DM3000-1-1/2A | Black | 500 | 300 | 200 |
| 3.000 | 76.20 | — | DMS3000-1A | DMS3000-1-1/2A | Red | — | 300 | 200 |
| 3.125 | 79.38 | — | DM3125-1A | DM3125-1-1/2A | Black | — | 250 | 150 |
| 3.125 | 79.38 | — | DMS3125-1A | — | Red | — | 250 | 150 |
| 3.250 | 82.55 | — | DM3250-1A | DM3250-1-1/2A | Black | — | 100 | 100 |
| 3.250 | 82.55 | — | DMS3250-1A | — | Red | — | 100 | — |
| 3.375 | 85.73 | — | DM3375-1A | DM3375-1-1/2A | Black | — | 200 | 150 |
| 3.500 | 88.90 | DM3500-1/2A | DM3500-1A | DM3500-1-1/2A | Black | — | 175 | 100 |
| 3.500 | 88.90 | — | DMS3500-1A | — | Red | — | 175 | — |
| 3.625 | 92.08 | — | DM3625-1A | DM3625-1-1/2A | Black | — | 150 | 100 |
| 3.750 | 95.25 | — | DM3750-1A | DM3750-1-1/2A | Black | — | 100 | 100 |
| 3.750 | 95.25 | — | DMS3750-1A | — | Red | — | 100 | — |
| 3.825 | 97.16 | — | DM3825-1A | DM3825-1-1/2A | Black | — | 150 | 100 |
| 3.875 | 98.43 | — | DM3875-1A | DM3875-1-1/2A | Black | — | 100 | 100 |
| 4.000 | 101.60 | DM4000-1/2A | DM4000-1A | DM4000-1-1/2A | Black | — | 150 | 100 |
| 4.000 | 101.60 | — | DMS4000-1A | DMS4000-1-1/2A | Red | — | 150 | 100 |
| 4.125 | 104.78 | — | DM4125-1A | DM4125-1-1/2A | Black | — | 100 | 100 |
| 4.187 | 106.35 | — | DM4187-1A | DM4187-1-1/2A | Black | — | 100 | 100 |
| 4.250 | 107.95 | — | DM4250-1A | DM4250-1-1/2A | Black | — | 150 | 100 |
| 4.375 | 111.13 | — | DM4375-1A | DM4375-1-1/2A | Black | — | 100 | 50 |
| 4.500 | 114.30 | DM4500-1/2A | DM4500-1A | DM4500-1-1/2A | Black | — | 150 | 75 |
| 4.750 | 120.65 | — | DM4750-1A | DM4750-1-1/2A | Black | — | 85 | 100 |
| 5.000 | 127.00 | — | DM5000-1A | DM5000-1-1/2A | Black | — | 125 | 50 |
| 5.187 | 131.75 | — | DM5187-1A | DM5187-1-1/2A | Black | — | 50 | 50 |
| 5.375 | 136.53 | — | DM5375-1A | DM5375-1-1/2A | Black | — | 100 | 50 |
| 5.500 | 139.70 | DM5500-1/2A | DM5500-1A | DM5500-1-1/2A | Black | — | 50 | 50 |
| 5.750 | 146.05 | — | DM5750-1A | DM5750-1-1/2A | Black | — | 50 | 50 |
| 6.000 | 152.40 | — | DM6000-1A | DM6000-1-1/2A | Black | — | 50 | 50 |
| 6.250 | 158.75 | — | DM6250-1A | DM6250-1-1/2A | Black | — | 50 | 50 |
| 6.500 | 165.10 | DM6500-1/2A | DM6500-1A | DM6500-1-1/2A | Black | — | 50 | 50 |
| 6.750 | 171.45 | — | DM6750-1A | DM6750-1-1/2A | Black | — | 25 | 50 |
| 7.000 | 177.80 | — | DM7000-1A | DM7000-1-1/2A | Black | — | 25 | 25 |
| 7.250 | 184.15 | — | DM7250-1A | DM7250-1-1/2A | Black | — | 50 | 50 |
| 7.500 | 190.50 | — | DM7500-1A | DM7500-1-1/2A | Black | — | 50 | 25 |
| 7.750 | 196.85 | — | DM7750-1A | DM7750-1-1/2A | Black | — | 50 | 50 |
| 8.000 | 203.20 | — | DM8000-1A | DM8000-1-1/2A | Black | — | 50 | 25 |

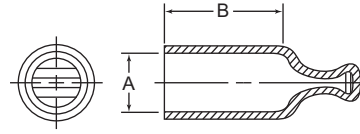


DMPC Series Easy-Pull Vinyl Caps



Specifications:

- Material: Vinyl (PVC)
- Color: Black
- Temperature Range: Up to 350°F (177°C)
- For high temperature up to 425°F (218°C) see page 71



Features:

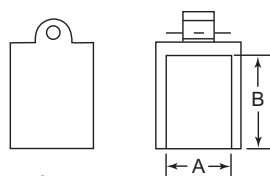
- The curved pull-tab design provides more surface contact area requiring less gripping force during installation and removal
- Flexible material can stretch onto larger dimensions for a snug fit without tearing, splitting or shredding
- Glossy and attractive finish makes this part ideal for use as a decorative end cap

| A = To Fit | | Item No. | | | Bulk Pack Qty | | |
|------------|-------|-------------------|-----------------|-----------------------|---------------|------|------------|
| In | mm | 1/2 in (12.70 mm) | 1 in (25.40 mm) | 1 - 1/2 in (38.10 mm) | 1/2 in | 1 in | 1 - 1/2 in |
| 0.187 | 4.75 | DMPC0180-1/2A | DMPC0180-1A | — | 5000 | 5000 | — |
| 0.218 | 5.54 | DMPC0207-1/2A | DMPC0207-1A | — | 5000 | 5000 | — |
| 0.250 | 6.35 | DMPC0240-1/2A | DMPC0240-1A | — | 5000 | 5000 | — |
| 0.302 | 7.67 | DMPC0302-1/2A | DMPC0302-1A | DMPC0302-1-1/2A | 7500 | 5000 | 2500 |
| 0.320 | 8.13 | DMPC0320-1/2A | DMPC0320-1A | DMPC0320-1-1/2A | 5000 | 5000 | 2500 |
| 0.343 | 8.71 | DMPC0343-1/2A | DMPC0343-1A | DMPC0343-1-1/2A | 5000 | 3000 | 2500 |
| 0.375 | 9.53 | DMPC0365-1/2A | DMPC0365-1A | DMPC0365-1-1/2A | 5000 | 3000 | 2000 |
| 0.406 | 10.32 | DMPC0396-1/2A | DMPC0396-1A | DMPC0396-1-1/2A | 5000 | 5000 | 2500 |
| 0.420 | 10.67 | DMPC0420-1/2A | DMPC0420-1A | DMPC0420-1-1/2A | 5000 | 5000 | 2500 |
| 0.437 | 11.10 | DMPC0427-1/2A | DMPC0427-1A | DMPC0427-1-1/2A | 5000 | 4000 | 2500 |
| 0.450 | 11.43 | DMPC0450-1/2A | DMPC0450-1A | DMPC0450-1-1/2A | 5000 | 4000 | 2500 |
| 0.472 | 11.99 | DMPC0470-1/2A | DMPC0470-1A | DMPC0470-1-1/2A | 5000 | 4000 | 2500 |
| 0.500 | 12.70 | DMPC0490-1/2A | DMPC0490-1A | DMPC0490-1-1/2A | 5000 | 4000 | 2000 |
| 0.531 | 13.49 | DMPC0521-1/2A | DMPC0521-1A | DMPC0521-1-1/2A | 5000 | 4000 | 2500 |
| 0.562 | 14.27 | DMPC0552-1/2A | DMPC0552-1A | DMPC0552-1-1/2A | 2500 | 2500 | 2500 |
| 0.593 | 15.06 | DMPC0590-1/2A | DMPC0590-1A | DMPC0590-1-1/2A | 2500 | 1900 | 1500 |
| 0.600 | 15.24 | DMPC0600-1/2A | DMPC0600-1A | DMPC0600-1-1/2A | 5000 | 2500 | 2500 |
| 0.615 | 15.62 | DMPC0615-1/2A | DMPC0615-1A | DMPC0615-1-1/2A | 5000 | 2500 | 2000 |
| 0.625 | 15.88 | DMPC0625-1/2A | DMPC0625-1A | DMPC0625-1-1/2A | 2500 | 1350 | 1500 |
| 0.655 | 16.64 | DMPC0655-1/2A | DMPC0655-1A | DMPC0655-1-1/2A | 2000 | 2500 | 1500 |
| 0.677 | 17.20 | DMPC0677-1/2A | DMPC0677-1A | DMPC0677-1-1/2A | 5000 | 2500 | 1500 |
| 0.687 | 17.45 | DMPC0687-1/2A | DMPC0687-1A | DMPC0687-1-1/2A | 2500 | 2000 | 1500 |
| 0.708 | 17.98 | DMPC0708-1/2A | DMPC0708-1A | DMPC0708-1-1/2A | 2500 | 2000 | 1500 |
| 0.750 | 19.05 | DMPC0740-1/2A | DMPC0740-1A | DMPC0740-1-1/2A | 4000 | 2500 | 1500 |
| 0.812 | 20.62 | DMPC0812-1/2A | DMPC0812-1A | DMPC0812-1-1/2A | 2500 | 2000 | 750 |
| 0.875 | 22.23 | DMPC0865-1/2A | DMPC0865-1A | DMPC0865-1-1/2A | 1500 | 1500 | 750 |
| 0.937 | 23.79 | DMPC0937-1/2A | DMPC0937-1A | DMPC0937-1-1/2A | 1500 | 1500 | 750 |
| 1.000 | 25.40 | DMPC0990-1/2A | DMPC0990-1A | DMPC0990-1-1/2A | 1500 | 1500 | 750 |
| 1.060 | 26.92 | — | DMPC1060-1A | DMPC1060-1-1/2A | — | 1000 | 700 |
| 1.125 | 28.58 | — | DMPC1125-1A | DMPC1125-1-1/2A | — | 1000 | 700 |
| 1.250 | 31.75 | — | DMPC1230-1A | DMPC1230-1-1/2A | — | 1000 | 700 |
| 1.500 | 38.10 | — | DMPC1500-1A | DMPC1500-1-1/2A | — | 700 | 250 |
| 1.625 | 41.28 | — | DMPC1605-1A | DMPC1605-1-1/2A | — | 550 | 350 |

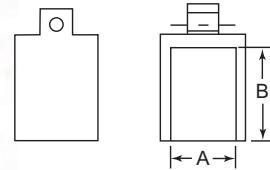
FEC Series Flexible End Caps



Type 1



Type 2



Specifications:

- Material: Thermoplastic Elastomer
- Temperature Range: 203°F (95°C)
- Color: Black

Features:

- Flexible material can stretch onto larger diameters for a snug fit
- Good resistance to acids
- Can be used with Masking Hooks on page 85



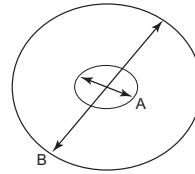
| Item No. | Type | A | | B | | Bulk Pack Qty |
|----------|------|-------|------|-------|------|---------------|
| | | In | mm | In | mm | |
| 1340242 | 2 | 0.157 | 4.0 | 0.945 | 24.0 | 10000 |
| 12200B | 1 | 0.197 | 5.0 | 0.925 | 23.5 | 10000 |
| 1341946 | 2 | 0.236 | 6.0 | 0.984 | 25.0 | 10000 |
| 1287248 | 2 | 0.276 | 7.0 | 0.945 | 24.0 | 10000 |
| 1287251 | 2 | 0.315 | 8.0 | 0.965 | 24.5 | 8000 |
| 12204B | 1 | 0.354 | 9.0 | 0.984 | 25.0 | 7000 |
| 1341978 | 2 | 0.394 | 10.0 | 1.161 | 29.5 | 5000 |
| 1341987 | 2 | 0.433 | 11.0 | 1.142 | 29.0 | 4500 |
| 12207B | 1 | 0.472 | 12.0 | 1.142 | 29.0 | 4000 |
| 1341981 | 2 | 0.512 | 13.0 | 1.142 | 29.0 | 3500 |
| 12209B | 1 | 0.551 | 14.0 | 1.161 | 29.5 | 3000 |
| 12210B | 1 | 0.591 | 15.0 | 1.161 | 29.5 | 2500 |
| 12211B | 1 | 0.630 | 16.0 | 1.102 | 28.0 | 2500 |
| 12212B | 1 | 0.669 | 17.0 | 1.161 | 29.5 | 2000 |

| Item No. | Type | A | | B | | Bulk Pack Qty |
|----------|------|-------|------|-------|------|---------------|
| | | In | mm | In | mm | |
| 12213B | 2 | 0.709 | 18.0 | 1.122 | 28.5 | 2000 |
| 1287245 | 2 | 0.748 | 19.0 | 1.161 | 29.5 | 2000 |
| 1341984 | 2 | 0.787 | 20.0 | 1.122 | 28.5 | 1600 |
| 12216B | 1 | 0.827 | 21.0 | 1.358 | 34.5 | 1300 |
| 12217B | 2 | 0.866 | 22.0 | 1.339 | 34.0 | 1200 |
| 12218B | 2 | 0.906 | 23.0 | 1.358 | 34.5 | 1000 |
| 1341988 | 2 | 0.945 | 24.0 | 1.339 | 34.0 | 1000 |
| 12220B | 2 | 0.984 | 25.0 | 1.358 | 34.5 | 1000 |
| 12221B | 2 | 1.024 | 26.0 | 1.358 | 34.5 | 900 |
| 12222B | 2 | 1.063 | 27.0 | 1.319 | 33.5 | 900 |
| 1287254 | 2 | 1.102 | 28.0 | 1.319 | 33.5 | 800 |
| 12224B | 2 | 1.142 | 29.0 | 1.378 | 35.0 | 800 |
| 1287243 | 2 | 1.181 | 30.0 | 1.358 | 34.5 | 600 |



PUSH-FIT CAPS

MCP Series Stretch Fit Cover Caps



Specifications:

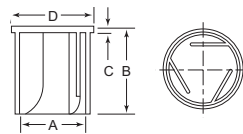
- Material: Polyethylene
- Color: See Table

Features:

- Capable of covering a wide range of part diameters and shapes
- Protects against dirt and moisture during storage and shipping
- Reusable

| Item No. | | A= Elastic Ø | | B= Flat Overall Ø | | Bulk Pack Qty |
|----------|---------|--------------|--------|-------------------|--------|---------------|
| Blue | Clear | in | mm | in | mm | |
| MCP050B | MCP050N | 1.00 | 25.40 | 3.00 | 76.20 | 1000 |
| MCP100B | MCP100N | 1.22 | 30.99 | 3.78 | 96.01 | 1000 |
| MCP105B | MCP105N | 1.25 | 50.80 | 8.00 | 203.20 | 500 |
| MCP110B | MCP110N | 1.50 | 38.10 | 4.50 | 114.30 | 1000 |
| MCP120B | MCP120N | 2.00 | 50.80 | 5.75 | 146.05 | 1000 |
| MCP125B | MCP125N | 2.50 | 63.50 | 10.00 | 254.00 | 500 |
| MCP130B | MCP130N | 2.44 | 61.98 | 8.66 | 219.96 | 500 |
| MCP140B | MCP140N | 3.07 | 77.98 | 9.45 | 240.03 | 500 |
| MCP145B | MCP145N | 3.50 | 88.90 | 18.00 | 457.20 | 300 |
| MCP150B | MCP150N | 4.25 | 107.95 | 13.00 | 330.20 | 250 |
| MCP155B | MCP155N | 5.75 | 146.05 | 24.00 | 609.60 | 200 |
| MCP160B | MCP160N | 5.00 | 127.00 | 15.95 | 405.13 | 250 |
| MCP165B | MCP165N | 6.50 | 165.10 | 32.00 | 812.80 | 100 |

MFC Series Finned Stud Caps



Type 1

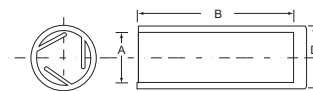


Specifications:

- Material: Low-Density Polyethylene
- Color: Natural

Features:

- Unique finned design enables each cap to fit a range of stud diameters
- The MFC010A* has beveled corners

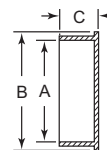
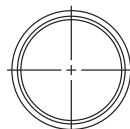


Type 2



| Item No. | Stud Size Range | | Type | A | | B | | C | | D | | Bulk Pack Qty |
|----------|-----------------|-------------|------|-------|------|-------|----|-------|-----|-------|------|---------------|
| | in | mm | | in | mm | in | mm | in | mm | in | mm | |
| MFC110A | 0.255 - 0.314 | 6.5 - 8.0 | 1 | 0.394 | 10 | 0.866 | 22 | 0.059 | 1.5 | 0.551 | 14.0 | 500 |
| MFC010A* | 0.255 - 0.314 | 6.5 - 8.0 | 2 | 0.394 | 10 | 1.299 | 33 | — | — | 0.433 | 11.0 | 5000 |
| MFC120A | 0.314 - 0.354 | 8.0 - 9.0 | 1 | 0.433 | 11 | 0.866 | 22 | 0.059 | 1.5 | 0.591 | 15.0 | 500 |
| MFC020A | 0.314 - 0.354 | 8.0 - 9.0 | 2 | 0.433 | 11 | 0.866 | 22 | — | — | 0.472 | 12.0 | 5000 |
| MFC030A | 0.354 - 0.393 | 9.0 - 10 | 2 | 0.472 | 12 | 0.866 | 22 | — | — | 0.511 | 13.0 | 5000 |
| MFC130A | 0.354 - 0.413 | 9.0 - 10.5 | 1 | 0.492 | 12.5 | 0.866 | 22 | 0.059 | 1.5 | 0.650 | 16.5 | 250 |
| MFC140A | 0.433 - 0.512 | 11.0 - 13.0 | 1 | 0.630 | 16 | 0.866 | 22 | 0.059 | 1.5 | 0.787 | 20.0 | 250 |
| MFC150A | 0.551 - 0.629 | 14.0 - 16.0 | 1 | 0.709 | 18 | 0.866 | 22 | 0.059 | 1.5 | 0.866 | 22.0 | 250 |
| MFC160A | 0.669 - 0.748 | 17.0 - 19.0 | 1 | 0.866 | 22 | 0.866 | 22 | 0.059 | 1.5 | 1.024 | 26.0 | 100 |
| MFC170A | 0.787 - 0.866 | 20.0 - 22.0 | 1 | 0.984 | 25 | 0.984 | 25 | 0.059 | 1.5 | 1.142 | 29.0 | 100 |
| MFC180A | 0.944 - 1.023 | 24.0 - 26.0 | 1 | 1.142 | 29 | 1.181 | 30 | 0.059 | 1.5 | 1.299 | 33.0 | 100 |
| MFC190A | 1.102 - 1.181 | 28.0 - 30.0 | 1 | 1.299 | 33 | 1.339 | 34 | 0.059 | 1.5 | 1.457 | 37.0 | 100 |

MC Series Meter Caps



Specifications:

- Material: Low-Density Polyethylene
- Color: Black

Features:

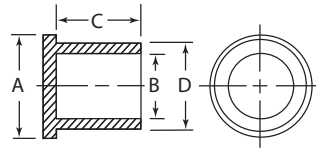
- Designed to protect threads on gas and water meters
- Remains on the unit until installation

| Item No. | Thread Size | A | | B | | C | | Bulk Pack Qty |
|----------|---------------|-------|------|-------|------|-------|------|---------------|
| | | in | mm | in | mm | in | mm | |
| • MC5LT | 5LT | 1.114 | 28.3 | 1.380 | 35.1 | 0.640 | 16.3 | 2500 |
| MC10LT | 10LT | 1.415 | 35.9 | 1.670 | 42.4 | 0.640 | 16.3 | 1500 |
| MC1S | #1 Sprague | 1.600 | 40.6 | 1.820 | 46.2 | 0.610 | 15.5 | 1200 |
| • MC1P | #1 Pittsburgh | 1.610 | 40.9 | 1.870 | 47.5 | 0.640 | 16.3 | 1200 |
| MC20LT | 20LT | 1.808 | 45.9 | 2.070 | 52.6 | 0.640 | 16.3 | 1000 |
| MC2S | #2 Sprague | 1.850 | 47.0 | 2.110 | 53.6 | 0.640 | 16.3 | 1000 |
| MC30LT | 30 LT | 2.028 | 51.5 | 2.290 | 58.2 | 0.670 | 17.0 | 750 |
| MC45LT | 45LT | 2.252 | 57.2 | 2.510 | 63.8 | 0.870 | 22.1 | 500 |
| MC3S | #3 Sprague | 2.316 | 58.8 | 2.580 | 65.5 | 0.940 | 23.9 | 500 |

PUSH-FIT CAPS FOR THREADS



E Series Flanged Caps for Standard Threads



Specifications:

- Material: Low-Density Polyethylene
- Color: See Table

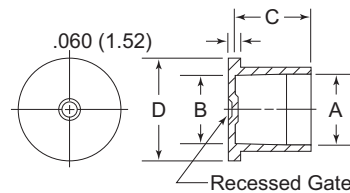
Features:

- Designed for easy assembly and removal either with automated equipment or by hand
- Typically used to protect standard threads with or without O-Rings



| Item No. | | To Cap Standard Thread | A | | B | | C | | D | | Bulk Pack Qty |
|-------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|---------------------|
| Natural | Orange | | in | mm | in | mm | in | mm | in | mm | |
| E5/16C | E5/16A | 5/16 | 0.510 | 12.95 | 0.315 | 8.00 | 0.840 | 21.33 | 0.377 | 9.57 | 5000 |
| — | E3/8A | 3/8 | 0.531 | 13.49 | 0.364 | 9.25 | 0.590 | 16.67 | 0.428 | 10.87 | 5000 |
| E3/8AA | — | 3/8 | 0.580 | 14.73 | 0.377 | 9.58 | 0.840 | 21.34 | 0.447 | 11.35 | 5000 |
| EL3/8B | EL3/8A | 3/8 | 0.520 | 13.21 | 0.370 | 9.40 | 1.280 | 32.51 | 0.440 | 11.18 | 5000 |
| E7/16A | — | 7/16 | 0.625 | 15.88 | 0.428 | 10.87 | 0.590 | 14.99 | 0.492 | 12.50 | 4250 |
| E7/16CATB | — | 7/16 | 0.625 | 15.88 | 0.429 | 10.90 | 0.600 | 15.24 | 0.491 | 12.47 | 4250 |
| EL7/16B | EL7/16A | 7/16 | 0.580 | 14.73 | 0.428 | 10.87 | 1.020 | 25.91 | 0.495 | 12.57 | 5000 |
| — | EL7/16AA | 7/16 | 0.580 | 14.73 | 0.425 | 10.79 | 1.330 | 33.98 | 0.487 | 12.37 | 2800 |
| E1/2A | — | 1/2 | 0.720 | 18.29 | 0.490 | 12.45 | 0.460 | 11.68 | 0.550 | 13.97 | 4000 |
| EL1/2A | — | 1/2 | 0.640 | 16.25 | 0.490 | 12.45 | 1.330 | 33.78 | 0.552 | 14.02 | 2800 |
| EL9/16A | — | 9/16 | 0.700 | 17.78 | 0.550 | 13.97 | 1.410 | 35.81 | 0.620 | 15.75 | 2500 |
| E9/16A | — | 9/16 | 0.810 | 20.57 | 0.551 | 14.00 | 0.490 | 12.45 | 0.621 | 15.77 | 5900 |
| E5/8B | E5/8A | 5/8 | 0.813 | 20.64 | 0.606 | 15.39 | 0.750 | 19.05 | 0.677 | 17.20 | 4000 |
| EL5/8A | — | 5/8 | 0.760 | 19.30 | 0.625 | 15.88 | 0.840 | 21.34 | 0.687 | 17.48 | 3000 |
| E11/16B | — | 11/16 | 0.935 | 23.75 | 0.675 | 17.14 | 0.500 | 17.15 | 0.745 | 12.70 | 4000 |
| — | EL11/16A | 11/16 | 0.840 | 21.33 | 0.678 | 17.22 | 0.880 | 22.35 | 0.748 | 18.99 | 2500 |
| E3/4B | E3/4A | 3/4 | 1.000 | 25.40 | 0.720 | 18.29 | 0.688 | 17.46 | 0.794 | 20.17 | 3000 |
| E3/4CATA | — | 3/4 | 1.000 | 25.40 | 0.729 | 18.52 | 0.625 | 15.88 | 0.786 | 19.96 | 3000 |
| EL3/4D | EL3/4A | 3/4 | 0.890 | 22.61 | 0.740 | 18.80 | 1.540 | 39.12 | 0.813 | 20.65 | 2500 |
| E13/16A | — | 13/16 | 1.060 | 26.92 | 0.800 | 20.32 | 0.570 | 14.48 | 0.870 | 22.10 | 2500 |
| — | K324A | 13/16 | 1.060 | 26.64 | 0.605 | 15.37 | 0.845 | 21.50 | 0.665 | 16.89 | 3500 |
| E7/8SA | — | 7/8 | 1.120 | 28.45 | 0.864 | 21.95 | 0.690 | 17.53 | 0.926 | 23.52 | 4000 |
| — | E7/8A | 7/8 | 1.096 | 27.84 | 0.860 | 21.84 | 0.875 | 22.23 | 0.933 | 23.70 | 3500 |
| E7/8CATB | — | 7/8 | 1.096 | 27.84 | 0.865 | 21.97 | 0.832 | 21.13 | 0.921 | 23.39 | 3500 |
| EL7/8B | EL7/8A | 7/8 | 1.010 | 25.65 | 0.860 | 21.84 | 1.700 | 43.18 | 0.929 | 23.60 | 2000 |
| E1A | — | 1 | 1.246 | 31.65 | 0.993 | 25.22 | 0.660 | 16.76 | 1.056 | 26.82 | 1500 |
| — | E1-1/16A | 1 - 1/16 | 1.187 | 30.15 | 1.030 | 26.16 | 1.062 | 27.98 | 1.092 | 27.74 | 2000 |
| E1-1/16CATB | — | 1 - 1/16 | 1.288 | 32.72 | 1.043 | 26.49 | 0.688 | 17.48 | 1.114 | 28.30 | 2800 |
| E1-3/16B | — | 1 - 3/16 | 1.432 | 36.37 | 1.172 | 29.77 | 0.760 | 19.30 | 1.242 | 31.55 | 2000 |
| E1-5/16B | — | 1 - 5/16 | 1.567 | 39.80 | 1.302 | 33.07 | 0.760 | 19.30 | 1.372 | 34.85 | 1800 |
| E1-7/16B | — | 1 - 7/16 | 1.697 | 43.10 | 1.432 | 36.37 | 0.760 | 19.30 | 1.502 | 38.15 | 1500 |
| E1-5/8B | — | 1 - 5/8 | 1.875 | 47.63 | 1.615 | 41.02 | 0.835 | 21.21 | 1.685 | 42.80 | 1100 |
| E1-11/16B | — | 1 - 11/16 | 1.928 | 48.97 | 1.668 | 42.37 | 0.835 | 21.21 | 1.738 | 44.15 | 1000 |
| E1-7/8A | E1-7/8B | 1 - 7/8 | 2.131 | 54.13 | 1.871 | 47.52 | 0.960 | 24.38 | 1.941 | 49.30 | 900 |
| E2B | E2A | 2 | 2.256 | 57.30 | 1.994 | 50.65 | 1.085 | 27.56 | 2.064 | 52.43 | 600 |
| E2-1/2A | — | 2 - 1/2 | 2.756 | 70.00 | 2.491 | 63.27 | 1.210 | 30.73 | 2.566 | 65.18 | 350 |

ECS Series Flanged Caps for NPT Threads



Specifications:

- Material: Low-Density Polyethylene
- Color: Natural

Features:

- Designed for easy assembly and removal either with automated equipment or by hand
- Typically used to protect NPT threads with or without O-Rings

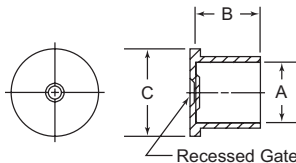


| Item No. | To Cap NPT Thread | A | | B | | C | | D | | Bulk Pack Qty |
|-------------|----------------------|-------|-------|-------|-------|-------|-------|-------|-------|---------------------|
| | | in | mm | in | mm | in | mm | in | mm | |
| ECS0125A | 1/8" | 0.399 | 10.13 | 0.383 | 9.73 | 0.380 | 9.65 | 0.660 | 16.76 | 10000 |
| ECS0250A | 1/4" | 0.533 | 13.54 | 0.510 | 12.90 | 0.530 | 13.46 | 0.810 | 20.57 | 9000 |
| ECS0375A | 3/8" | 0.669 | 16.99 | 0.644 | 16.36 | 0.530 | 13.46 | 0.940 | 23.88 | 5000 |
| ECS0500A | 1/2" | 0.833 | 21.16 | 0.800 | 20.32 | 0.720 | 18.29 | 1.090 | 27.69 | 3000 |
| ECS0750A | 3/4" | 1.045 | 26.54 | 1.011 | 25.68 | 0.750 | 19.05 | 1.310 | 33.27 | 2000 |
| ECS1000A | 1" | 1.310 | 33.27 | 1.267 | 32.18 | 0.930 | 23.62 | 1.560 | 39.62 | 1000 |
| ECS1250A | 1 - 1/4" | 1.655 | 42.04 | 1.611 | 40.92 | 0.970 | 24.64 | 1.940 | 49.28 | 800 |
| ECS1500A | 1 - 1/2" | 1.893 | 48.08 | 1.848 | 46.94 | 0.970 | 24.64 | 2.160 | 54.86 | 600 |
| ECS2000A | 2" | 2.370 | 60.20 | 2.323 | 59.00 | 1.030 | 26.16 | 2.620 | 66.55 | 500 |



PUSH-FIT CAPS FOR THREADS

ECM Series Flanged Caps for Metric Threads



Specifications:

- Material: Low-Density Polyethylene
- Color: Natural

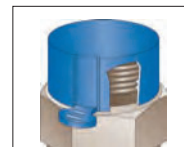
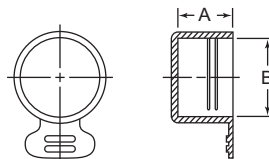
Features:

- Designed for easy assembly and removal either with automated equipment or by hand
- Typically used to protect metric threads with or without O-Rings

| Item No. | To Cap Metric Thread | A | | B | | C | | Bulk Pack Qty |
|----------|----------------------|-------|-------|-------|-------|-------|-------|---------------|
| | | in | mm | in | mm | in | mm | |
| ECM10A | M10 | 0.385 | 9.78 | 0.665 | 16.89 | 0.530 | 13.50 | 8000 |
| ECM12A | M12 | 0.463 | 11.75 | 0.470 | 11.95 | 0.768 | 19.50 | 7000 |
| ECM14A | M14 | 0.540 | 13.72 | 0.470 | 11.95 | 0.846 | 21.50 | 5000 |
| ECM16A | M16 | 0.617 | 15.67 | 0.470 | 11.95 | 0.925 | 23.50 | 5000 |
| ECM18A | M18 | 0.696 | 17.68 | 0.470 | 11.95 | 1.004 | 25.50 | 3000 |

| Item No. | To Cap Metric Thread | A | | B | | C | | Bulk Pack Qty |
|----------|----------------------|-------|-------|-------|-------|-------|-------|---------------|
| | | in | mm | in | mm | in | mm | |
| ECM20A | M20 | 0.774 | 19.66 | 0.553 | 14.05 | 1.083 | 27.50 | 2500 |
| ECM22A | M22 | 0.855 | 21.72 | 0.553 | 14.05 | 1.161 | 29.50 | 3000 |
| ECM33A | M33 | 1.285 | 32.64 | 0.687 | 17.45 | 1.590 | 40.39 | 2000 |
| ECM38A | M38 | 1.481 | 37.62 | 0.748 | 19.00 | 1.751 | 44.50 | 1000 |
| ECM42A | M42 | 1.640 | 41.68 | 0.748 | 19.00 | 1.948 | 49.50 | 1000 |

TS Series Tear Tab Caps for SAE/JIC Threads



Specifications:

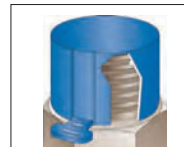
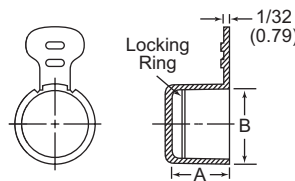
- Material: Low-Density Polyethylene
- Color: See Table

Features:

- Designed with a tear tab for easy removal
- Made to protect standard threads from damage but versatile enough to be used in numerous applications

| Item No. | | To Cap Standard Thread | SAE/JIC Fitting Size | A | | B | | Bulk Pack Qty |
|----------|-------|------------------------|----------------------|-------|-------|-------|-------|---------------|
| Natural | Blue | | | in | mm | in | mm | |
| TS3B | TS3A | 3/8" - 24 | 3 | 0.437 | 11.10 | 0.364 | 9.25 | 6500 |
| TS4B | TS4A | 7/16" - 20 | 4 | 0.460 | 11.68 | 0.433 | 11.00 | 5500 |
| TS5B | TS5A | 1/2" - 20 | 5 | 0.460 | 11.68 | 0.490 | 12.45 | 4500 |
| TS6B | TS6A | 9/16" - 18 | 6 | 0.475 | 12.07 | 0.551 | 14.00 | 7000 |
| TS7B | TS7A | 11/16" - 16 | 7 | 0.475 | 12.07 | 0.675 | 17.15 | 5000 |
| TS8B | TS8A | 3/4" - 16 | 8 | 0.560 | 14.22 | 0.740 | 18.80 | 3500 |
| TS9B | TS9A | 13/16" - 16 | 9 | 0.560 | 14.22 | 0.802 | 20.37 | 3000 |
| TS10B | TS10A | 7/8" - 14 | 10 | 0.650 | 16.51 | 0.873 | 22.17 | 4500 |
| TS11B | TS11A | 1" - 14 | 11 | 0.650 | 16.51 | 0.986 | 25.04 | 4000 |
| TS12B | TS12A | 1-1/16" - 12 | 12 | 0.750 | 19.05 | 1.053 | 26.75 | 3000 |
| TS13B | TS13A | 1-3/16" - 12 | 13 | 0.750 | 19.05 | 1.172 | 29.77 | 2700 |
| TS16B | TS16A | 1-5/16" - 12 | 16 | 0.750 | 19.05 | 1.302 | 33.07 | 2200 |
| TS17B | TS17A | 1-7/16" - 12 | 17 | 0.750 | 19.05 | 1.432 | 36.37 | 2000 |
| TS20B | TS20A | 1-5/8" - 12 | 20 | 0.825 | 20.96 | 1.615 | 41.02 | 1300 |
| TS21B | TS21A | 1-11/16" - 12 | 21 | 0.825 | 20.96 | 1.668 | 42.37 | 1200 |
| TS24B | TS24A | 1-7/8" - 12 | 24 | 0.950 | 24.13 | 1.871 | 47.52 | 900 |
| TS32B | TS32A | 2-1/2" - 12 | 32 | 1.200 | 30.48 | 2.491 | 63.27 | 400 |

Y Series Tear Tab Caps for NPT Threads



See pages 64 and 65 for Application Wizards

Specifications:

- Material: Low-Density Polyethylene
- Color: See Table

Features:

- Designed with a tear tab for easy removal
- Made to protect NPT threads from damage but versatile enough to be used in numerous applications

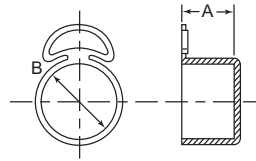
| Item No. | | To Cap NPT Thread | A | | B | | Bulk Pack Qty |
|----------|---------|-------------------|-------|-------|-------|--------|---------------|
| Natural | Blue | | in | mm | in | mm | |
| Y1/8B | Y1/8A | 1/8 | 0.320 | 8.13 | 0.386 | 9.80 | 5000 |
| Y1/4N | Y1/4A | 1/4 | 0.490 | 12.45 | 0.531 | 13.49 | 4000 |
| Y3/8B | Y3/8A | 3/8 | 0.490 | 12.45 | 0.665 | 16.89 | 5500 |
| Y1/2B | Y1/2A | 1/2 | 0.640 | 16.26 | 0.817 | 20.75 | 5500 |
| Y3/4D | Y3/4A | 3/4 | 0.630 | 16.00 | 1.033 | 26.24 | 4000 |
| Y1B | Y1A | 1 | 0.785 | 19.94 | 1.305 | 33.15 | 2000 |
| Y1-1/4N | Y1-1/4A | 1 - 1/4 | 0.840 | 21.34 | 1.643 | 41.73 | 1300 |
| Y1-1/2E | Y1-1/2A | 1 - 1/2 | 0.850 | 21.59 | 1.884 | 47.85 | 1000 |
| Y2B | Y2A | 2 | 0.890 | 22.61 | 2.339 | 59.41 | 600 |
| Y2-1/2N | — | 2 - 1/2 | 1.375 | 34.93 | 2.850 | 72.39 | 500 |
| Y3N | — | 3 | 1.437 | 36.50 | 3.475 | 88.27 | 250 |
| Y3-1/2N | — | 3 - 1/2 | 1.500 | 38.10 | 3.980 | 101.09 | 200 |
| Y4N | — | 4 | 1.500 | 38.10 | 4.480 | 113.79 | 150 |
| Y5N | — | 5 | 1.625 | 41.28 | 5.535 | 140.59 | 100 |
| Y6N | — | 6 | 1.700 | 43.18 | 6.600 | 167.64 | 50 |

PUSH-FIT CAPS FOR THREADS



TSM Series

Tear Tab Caps for Metric Threads



Specifications:

- Material: Low-Density Polyethylene
- Color: Refer to Chart

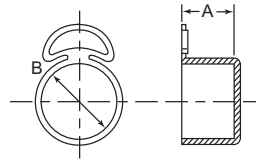
Features:

- Designed with a tear tab for easy removal
- Made to protect metric threads from damage but versatile enough to be used in numerous applications

| Item No. | To Cap Metric Thread | A | | B | | Color | Bulk Pack Qty |
|----------|----------------------|-------|-------|-------|-------|---------|---------------|
| | | in | mm | in | mm | | |
| TSM12A | M12 | 0.472 | 12.00 | 0.472 | 12.00 | Yellow | 5000 |
| TSM14A | M14 | 0.551 | 14.00 | 0.555 | 14.10 | Yellow | 5000 |
| TSM16A | M16 | 0.634 | 16.10 | 0.650 | 16.50 | Yellow | 5000 |
| TSM18A | M18 | 0.709 | 18.00 | 0.709 | 18.00 | Yellow | 4000 |
| TSM20B | M20 | 0.787 | 20.00 | 0.787 | 20.00 | Natural | 2000 |
| TSM22A | M22 | 0.866 | 22.00 | 0.866 | 22.00 | Yellow | 2000 |

TSB Series

Tear Tab Caps for BSP Threads



Specifications:

- Material: Low-Density Polyethylene
- Color: Yellow

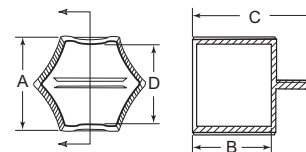
Features:

- Designed with a tear tab for easy removal
- Made to protect BSP/Gas threads from damage but versatile enough to be used in numerous applications

| Item No. | To Cap BSP/Gas Thread | A | | B | | Bulk Pack Qty |
|-----------|-----------------------|-------|-------|-------|-------|---------------|
| | | in | mm | in | mm | |
| TSB10351A | 1/4" x 19 | 0.433 | 11.00 | 0.512 | 13.00 | 10000 |
| TSB10492A | 3/8" x 19 | 0.472 | 12.00 | 0.630 | 16.00 | 5000 |
| TSB10308A | 1/2" x 14 | 0.591 | 15.00 | 0.835 | 21.20 | 4000 |
| TSB12373A | 5/8" x 14 | 0.728 | 18.50 | 0.906 | 23.00 | 3000 |
| TSB10701A | 3/4" x 14 | 0.937 | 23.80 | 1.035 | 26.30 | 1500 |
| TSB12375A | 7/8" x 14 | 0.984 | 25.00 | 1.161 | 29.50 | 1500 |
| TSB12376A | 1" x 11 | 0.709 | 18.00 | 1.339 | 34.00 | 1500 |

HEX Series

Hexagonal Caps



Specifications:

- Material: Polyethylene
- Color: Natural

Features:

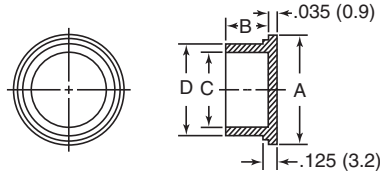
- Rigid design allows easy application and removal
- Available in all common hydraulic coupling sizes
- Also suitable for protecting round components

| Item No. | To Fit Thread Sizes | | | A | | B | | C | | D | | Bulk Pack Qty |
|----------|---------------------|--------|---------|-------|----|-------|----|-------|----|-------|------|---------------|
| | UNF | Metric | BSP | in | mm | in | mm | in | mm | in | mm | |
| HEX100A | — | M10 | — | 0.433 | 11 | 0.630 | 16 | 1.102 | 28 | 0.421 | 10.7 | 500 |
| HEX105A | 7/16 | M12 | 1/8 | 0.551 | 14 | 0.709 | 18 | 1.181 | 30 | 0.539 | 13.7 | 500 |
| HEX110A | — | — | — | 0.630 | 16 | 0.787 | 20 | 1.260 | 32 | 0.618 | 15.7 | 500 |
| HEX115A | 1/2 | M14 | — | 0.669 | 17 | 0.787 | 20 | 1.260 | 32 | 0.657 | 16.7 | 500 |
| HEX120A | 9/16 | M16 | 1/4 | 0.748 | 19 | 0.984 | 25 | 1.535 | 39 | 0.736 | 18.7 | 500 |
| HEX125A | 3/4 | M18 | 3/8 | 0.866 | 22 | 0.984 | 25 | 1.535 | 39 | 0.850 | 21.6 | 500 |
| HEX130A | — | — | — | 0.945 | 24 | 1.102 | 28 | 1.654 | 42 | 0.929 | 23.6 | 500 |
| HEX135A | — | — | — | 0.984 | 25 | 1.102 | 28 | 1.654 | 42 | 0.969 | 24.6 | 250 |
| HEX140A | 7/8 | M22 | 1/2 | 1.063 | 27 | 1.102 | 28 | 1.654 | 42 | 1.047 | 26.6 | 250 |
| HEX145A | — | — | — | 1.142 | 29 | 1.181 | 30 | 1.732 | 44 | 1.126 | 28.6 | 250 |
| HEX150A | — | M24 | 5/8 | 1.181 | 30 | 1.181 | 30 | 1.732 | 44 | 1.165 | 29.6 | 250 |
| HEX155A | 1 - 1/16 | M26 | 3/4 | 1.260 | 32 | 1.181 | 30 | 1.732 | 44 | 1.244 | 31.6 | 250 |
| HEX160A | — | M30 | — | 1.417 | 36 | 1.181 | 30 | 1.732 | 44 | 1.398 | 35.5 | 250 |
| HEX165A | — | — | — | 1.496 | 38 | 1.220 | 31 | 1.772 | 45 | 1.476 | 37.5 | 100 |
| HEX170A | 1 - 5/16 | M36 | 1 | 1.614 | 41 | 1.220 | 31 | 1.772 | 45 | 1.594 | 40.5 | 100 |
| HEX175A | — | — | — | 1.811 | 46 | 1.260 | 32 | 1.811 | 46 | 1.791 | 45.5 | 100 |
| HEX180A | 1 - 5/8 | M45 | 1 - 1/4 | 1.969 | 50 | 1.260 | 32 | 1.811 | 46 | 1.949 | 49.5 | 100 |



PUSH-FIT CAPS FOR THREADS

FC CAP Series Circular Connector Caps

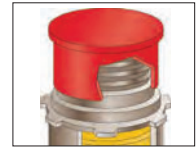


Specifications:

- Material: Low-Density Polyethylene
- Color: Red

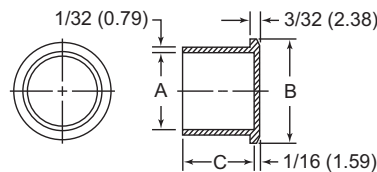
Features:

- Designed for easy assembly and removal either with automated equipment or by hand
- Typically used to protect electrical connectors per Mil Spec 90376
- See page 47 if plug is needed



| Item No. | MS90376 Dash No. | To Cap Connector | A | | B | | C | | D | | Bulk Pack Qty |
|----------|------------------|------------------|-------|-------|-------|-------|-------|-------|-------|-------|---------------|
| | | | in | mm | in | mm | in | mm | in | mm | |
| FC708A | MS90376-8R | 1/2 | 0.740 | 18.80 | 0.500 | 12.70 | 0.480 | 12.19 | 0.540 | 13.72 | 5000 |
| FC710A | MS90376-10R | 5/8 | 0.840 | 21.34 | 0.500 | 12.70 | 0.605 | 15.37 | 0.665 | 16.89 | 6000 |
| FC712A | MS90376-12R | 3/4 | 0.970 | 24.62 | 0.500 | 12.70 | 0.720 | 18.29 | 0.775 | 19.69 | 5500 |
| FC714A | MS90376-14R | 7/8 | 1.125 | 28.58 | 0.500 | 12.70 | 0.850 | 21.59 | 0.905 | 22.99 | 3000 |
| FC716A | MS90376-16R | 1 | 1.220 | 30.99 | 0.500 | 12.70 | 0.973 | 24.71 | 1.035 | 26.29 | 3300 |
| FC718A | MS90376-18R | 1 - 1/8 | 1.330 | 33.78 | 0.562 | 14.27 | 1.093 | 27.76 | 1.155 | 29.34 | 2500 |
| FC19RA | MS90376-19R | 1 - 3/16 | 1.430 | 36.32 | 0.562 | 14.27 | 1.168 | 29.67 | 1.238 | 31.45 | 2300 |
| FC720A | MS90376-20R | 1 - 1/4 | 1.465 | 37.21 | 0.562 | 14.27 | 1.231 | 31.27 | 1.301 | 33.05 | 2200 |
| FC722A | MS90376-22R | 1 - 3/8 | 1.580 | 40.39 | 0.562 | 14.27 | 1.340 | 34.04 | 1.410 | 35.81 | 1800 |
| FC23RA | MS90376-23R | 1 - 7/16 | 1.650 | 41.91 | 0.562 | 14.27 | 1.408 | 35.76 | 1.478 | 37.54 | 1200 |
| FC724A | MS90376-24R | 1 - 1/2 | 1.709 | 43.41 | 0.562 | 14.27 | 1.463 | 37.16 | 1.533 | 38.94 | 1500 |
| FC726A | MS90376-26R | 1 - 5/8 | 1.810 | 45.97 | 0.562 | 14.27 | 1.590 | 40.39 | 1.660 | 42.16 | 1250 |
| FC728A | MS90376-28R | 1 - 3/4 | 1.950 | 49.53 | 0.562 | 14.27 | 1.715 | 43.56 | 1.790 | 45.47 | 1000 |
| FC732A | MS90376-32R | 2 | 2.220 | 56.39 | 0.562 | 14.27 | 1.965 | 49.91 | 2.040 | 51.82 | 900 |
| FC736A | MS90376-36R | 2 - 1/4 | 2.435 | 61.85 | 0.600 | 15.24 | 2.215 | 56.26 | 2.290 | 58.17 | 700 |
| FC740A | MS90376-40R | 2 - 1/2 | 2.660 | 67.56 | 0.600 | 15.24 | 2.440 | 61.98 | 2.530 | 64.26 | 550 |
| FC744A | MS90376-44R | 2 - 3/4 | 2.960 | 75.18 | 0.600 | 15.24 | 2.720 | 69.09 | 2.812 | 71.42 | 450 |

D Series Flanged Connector Caps



Specifications:

- Material: Low-Density Polyethylene
- Color: Red

Features:

- Designed for easy assembly and removal either with automated equipment or by hand
- Typically used to protect connectors with standard threads



| Item No. | To Cap Std. Threaded Connector | A | | B | | C | | Bulk Pack Qty |
|----------|--------------------------------|-------|-------|-------|-------|-------|-------|---------------|
| | | in | mm | in | mm | in | mm | |
| D1/4A | 1/4 | 0.240 | 6.10 | 0.480 | 12.19 | 0.500 | 12.70 | 5000 |
| D3/8A | 3/8 | 0.360 | 9.14 | 0.625 | 15.88 | 0.500 | 12.70 | 5000 |
| D1/2A | 1/2 | 0.477 | 12.12 | 0.750 | 19.05 | 0.500 | 12.70 | 7000 |
| D9/16A | 9/16 | 0.551 | 14.00 | 0.781 | 19.84 | 0.500 | 12.70 | 6000 |
| D5/8A | 5/8 | 0.593 | 15.06 | 0.875 | 22.23 | 0.500 | 12.70 | 4500 |
| D3/4A | 3/4 | 0.716 | 18.19 | 1.000 | 25.40 | 0.487 | 12.37 | 3500 |
| D7/8A | 7/8 | 0.841 | 21.36 | 1.125 | 28.58 | 0.491 | 12.47 | 2500 |
| D15/16A | 15/16 | 0.930 | 23.62 | 1.156 | 29.36 | 0.547 | 13.89 | 2000 |
| D1A | 1 | 0.960 | 24.38 | 1.250 | 31.75 | 0.500 | 12.70 | 2000 |
| D1-1/8A | 1 - 1/8 | 1.092 | 27.74 | 1.375 | 34.93 | 0.563 | 14.29 | 1500 |
| D1-3/16A | 1 - 3/16 | 1.176 | 29.87 | 1.438 | 36.51 | 0.563 | 14.29 | 3000 |
| D1-1/4A | 1 - 1/4 | 1.207 | 30.66 | 1.500 | 38.10 | 0.563 | 14.29 | 3000 |
| D1-3/8A | 1 - 3/8 | 1.348 | 34.24 | 1.625 | 41.28 | 0.563 | 14.29 | 2500 |
| D1-7/16A | 1 - 7/16 | 1.407 | 35.74 | 1.688 | 42.86 | 0.563 | 14.29 | 2200 |
| D1-1/2A | 1 - 1/2 | 1.458 | 37.03 | 1.719 | 43.66 | 0.563 | 14.29 | 2000 |
| D1-3/4A | 1 - 3/4 | 1.730 | 43.94 | 1.969 | 50.01 | 0.563 | 14.29 | 1500 |



OFR Series O-Ring Face-Fitting Caps for UNF/JIC Threads

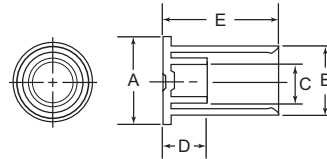


Specifications:

- Material: Low-Density Polyethylene
- Color: See Table

Features:

- Designed to protect O-Ring face seal connectors used on hydraulic connections
- Designed with a longer overall length and includes a molded retaining ring at the bottom that snaps under the connector for added security



| Item No. | To Cap UNF Thread | A | | B | | C | | D | | E | | Bulk Pack Qty |
|----------|----------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---------------------|
| | | in | mm | in | mm | in | mm | in | mm | in | mm | |
| Blue | | | | | | | | | | | | |
| OFR4B | 9/16" - 18 | 0.938 | 23.80 | 0.771 | 19.58 | 0.500 | 12.70 | 0.330 | 8.30 | 0.690 | 17.50 | 3000 |
| OFR6B | 11/16" - 16 | 1.125 | 28.40 | 0.903 | 22.93 | 0.625 | 16.00 | 0.370 | 9.40 | 0.770 | 19.60 | 2500 |
| OFR8A | 13/16" - 16 | 1.219 | 31.00 | 1.052 | 26.72 | 0.750 | 19.10 | 0.430 | 10.90 | 0.930 | 23.60 | 3000 |
| OFR10A | 1" - 14 | 1.438 | 36.50 | 1.255 | 31.50 | 0.906 | 23.00 | 0.530 | 13.50 | 1.040 | 26.40 | 2000 |
| OFR12A | 1 - 3/16" - 12 | 1.688 | 42.70 | 1.530 | 38.86 | 1.093 | 27.70 | 0.570 | 14.50 | 1.140 | 28.80 | 1200 |
| OFR16A | 1 - 7/16" - 12 | 2.000 | 50.80 | 1.804 | 45.82 | 1.343 | 34.10 | 0.580 | 14.70 | 1.210 | 30.70 | 900 |
| OFR20A | 1 - 11/16" - 12 | 2.250 | 57.20 | 2.093 | 53.16 | 1.593 | 40.50 | 0.580 | 14.70 | 1.210 | 30.70 | 700 |
| OFR24A | 2" - 12 | 2.719 | 69.00 | 2.520 | 64.01 | 1.875 | 47.60 | 0.580 | 14.70 | 1.210 | 30.70 | 450 |

| Item No. | To Cap JIC Thread | JIC Fitting Size | A | | B | | C | | D | | E | | Bulk Pack Qty | |
|----------|----------------------|------------------------|----|-------|-------|-------|-------|-------|-------|-------|-------|-------|---------------------|------|
| | | | in | mm | in | mm | in | mm | in | mm | in | mm | | |
| Blue | | | | | | | | | | | | | | |
| OFR100A | OFR100B | 7/16" - 20 | 4 | 0.770 | 19.60 | 0.712 | 18.08 | 0.370 | 9.40 | 0.420 | 10.67 | 0.710 | 18.03 | 3000 |
| OFR110A | OFR110B | 9/16" - 18 | 6 | 0.950 | 24.10 | 0.864 | 21.95 | 0.500 | 12.80 | 0.420 | 10.67 | 0.840 | 21.34 | 2500 |
| OFR120A | OFR120B | 3/4" - 16 | 8 | 1.160 | 29.30 | 1.067 | 27.10 | 0.670 | 17.00 | 0.430 | 10.92 | 0.930 | 23.62 | 1200 |
| OFR130A | OFR130B | 7/8" - 14 | 10 | 1.280 | 32.50 | 1.192 | 30.28 | 0.780 | 19.80 | 0.500 | 12.70 | 1.050 | 26.67 | 1200 |
| OFR140A | OFR140B | 1 - 1/16" - 12 | 12 | 1.580 | 40.10 | 1.489 | 37.82 | 0.960 | 24.40 | 0.570 | 14.48 | 1.150 | 29.21 | 1200 |
| OFR150A | OFR150B | 1 - 5/16" - 12 | 16 | 1.880 | 47.80 | 1.766 | 44.86 | 1.220 | 30.90 | 0.590 | 14.99 | 1.210 | 30.73 | 1000 |

OR Series O-Ring Face-Fitting Caps for UNF Threads

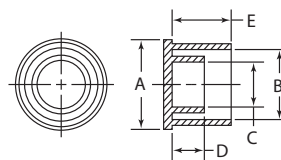


Specifications:

- Material: Low-Density Polyethylene
- Color: Blue

Features:

- Designed to protect O-Ring face seal connectors used on hydraulic connections



| Item No. | To Cap UNF Thread | A | | B | | C | | D | | E | | Bulk Pack Qty |
|-------------|----------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---------------------|
| | | in | mm | in | mm | in | mm | in | mm | in | mm | |
| OR4A | 9/16" - 18 | 0.875 | 22.23 | 0.768 | 19.51 | 0.500 | 12.70 | 0.326 | 8.28 | 0.578 | 14.68 | 3500 |
| OR6A | 11/16" - 16 | 1.000 | 25.40 | 0.901 | 22.89 | 0.594 | 15.08 | 0.370 | 9.40 | 0.672 | 17.07 | 2500 |
| OR8A | 13/16" - 16 | 1.156 | 29.37 | 1.053 | 26.75 | 0.750 | 19.05 | 0.430 | 10.92 | 0.828 | 21.03 | 3000 |
| OR10A | 1" - 14 | 1.375 | 34.93 | 1.260 | 32.00 | 0.906 | 23.02 | 0.530 | 13.46 | 0.922 | 23.42 | 2000 |
| OR12A | 1 - 3/16" - 12 | 1.625 | 41.28 | 1.535 | 38.99 | 1.094 | 27.78 | 0.560 | 14.48 | 1.031 | 26.19 | 1200 |
| OR16A | 1 - 7/16" - 12 | 1.844 | 46.83 | 1.804 | 45.82 | 1.344 | 34.13 | 0.580 | 14.73 | 1.094 | 27.78 | 900 |
| OR20A | 1 - 11/16" - 12 | 2.125 | 53.98 | 2.093 | 53.16 | 1.594 | 40.48 | 0.580 | 14.73 | 1.094 | 27.78 | 700 |
| OR24B | 2" - 12 | 2.688 | 68.26 | 2.520 | 64.01 | 1.875 | 47.63 | 0.580 | 14.73 | 1.094 | 27.78 | 450 |



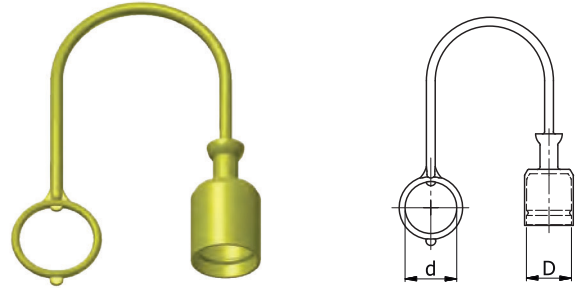
Hydraulic Quick Release Dust Caps

Specifications:

- Material: Thermoplastic Elastomer
- Color: See Table

Features:

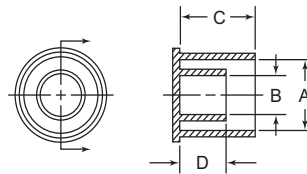
- Suitable to cap ISO 7241-1 Series A and B Quick Couplings
- Designed to remain attached to a hose
- Excellent protection from dirt, moisture and corrosion
- Temperature Range: -40°F - 275°F (-40°C - 135°C)
- See page 51 if plug is needed



| Item No. | | | | | D | | d | | Bulk Pack Qty | |
|----------|--------|--------|--------|------|--------|------|-------|------|---------------|-----|
| Red | Yellow | Green | Blue | Size | Series | mm | in | mm | in | |
| 498796 | 499736 | 499746 | 499756 | 1/4 | ISO A | 12.7 | 0.500 | 20.0 | 0.787 | 150 |
| 498797 | 499737 | 499747 | 499757 | 3/8 | ISO A | 18.3 | 0.720 | 25.0 | 0.984 | 150 |
| 498798 | 499738 | 499748 | 499758 | 1/2 | ISO A | 24.3 | 0.957 | 28.0 | 1.102 | 150 |
| 498799 | 499739 | 499749 | 499759 | 3/4 | ISO A | 30.7 | 1.209 | 35.0 | 1.378 | 150 |
| 498800 | 499740 | 499750 | 499760 | 1 | ISO A | 36.5 | 1.437 | 42.0 | 1.654 | 150 |
| 498801 | 499741 | 499751 | 499761 | 1/4 | ISO B | 15.5 | 0.610 | 20.0 | 0.787 | 150 |
| 498802 | 499742 | 499752 | 499762 | 3/8 | ISO B | 20.0 | 0.787 | 23.0 | 0.906 | 150 |
| 498803 | 499743 | 499753 | 499763 | 1/2 | ISO B | 25.7 | 1.012 | 28.0 | 1.102 | 150 |
| 498804 | 499744 | 499754 | 499764 | 3/4 | ISO B | 32.7 | 1.287 | 34.0 | 1.339 | 150 |
| 498805 | 499745 | 499755 | 499765 | 1 | ISO B | 40.5 | 1.594 | 43.0 | 1.693 | 150 |

M Series

Tube and Nut Assembly Caps



Specifications:

- Materials: Low-Density Polyethylene
- Color: Red

Features:

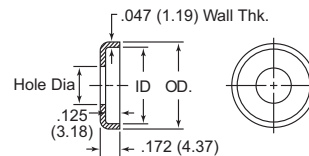
- Designed to protect flareless hydraulic tube and nut assemblies
- Features a double cap design; the outside cap conforms to the hex shape of the nut, the inside cap covers the tube and sleeve inside the nut to hold the assembly in place
- The MCA and MCM Series are frequently applied to automobile air conditioning tube and nut assemblies



| Item No. | To Cap Tube Size | A | | B | | C | | D | | Bulk Pack Qty |
|----------|------------------|-------|-------|-------|-------|-------|-------|-------|-------|---------------|
| | | in | mm | in | mm | in | mm | in | mm | |
| M2A | 1/8 | 0.391 | 9.93 | 0.172 | 4.37 | 0.580 | 14.73 | 0.400 | 10.16 | 6000 |
| M3A | 3/16 | 0.456 | 11.58 | 0.236 | 5.99 | 0.630 | 16.00 | 0.410 | 10.41 | 8500 |
| M4A | 1/4 | 0.606 | 15.39 | 0.283 | 7.19 | 0.650 | 16.51 | 0.380 | 9.65 | 5000 |
| M5A | 5/16 | 0.655 | 16.64 | 0.352 | 8.94 | 0.810 | 20.57 | 0.540 | 13.72 | 3500 |
| M6A | 3/8 | 0.740 | 18.80 | 0.440 | 11.18 | 0.845 | 21.46 | 0.545 | 13.84 | 2800 |
| M8A | 1/2 | 0.914 | 23.22 | 0.567 | 14.40 | 0.905 | 22.99 | 0.540 | 13.72 | 1800 |
| M10A | 5/8 | 1.044 | 26.52 | 0.670 | 17.02 | 1.030 | 26.16 | 0.647 | 16.43 | 2500 |
| M12A | 3/4 | 1.324 | 33.62 | 0.851 | 21.62 | 1.045 | 26.54 | 0.643 | 16.33 | 1600 |
| M16A | 1 | 1.564 | 39.73 | 1.060 | 26.92 | 1.097 | 27.86 | 0.550 | 13.97 | 1100 |
| M20A | 1 - 1/4 | 2.090 | 53.09 | 1.320 | 33.53 | 1.104 | 28.04 | 0.625 | 15.88 | 650 |
| M24A | 1 - 1/2 | 2.345 | 59.56 | 1.535 | 38.99 | 1.078 | 27.38 | 0.620 | 15.75 | 550 |
| MCA10A | 3/8 female | 0.799 | 20.29 | 0.326 | 8.28 | 0.610 | 15.49 | 0.211 | 5.36 | 2800 |
| MCA12A | 1/2 female | 0.930 | 23.62 | 0.450 | 11.43 | 0.750 | 19.05 | 0.315 | 8.00 | 3500 |
| MCA17A | 3/4 female | 1.330 | 33.78 | 0.684 | 17.37 | 1.060 | 26.92 | 0.315 | 8.00 | 1500 |
| MCM10A | 3/8 male | 0.612 | 15.54 | 0.326 | 8.28 | 0.800 | 20.32 | 0.211 | 5.36 | 3500 |
| MCM12A | 1/2 male | 0.735 | 18.67 | 0.450 | 11.43 | 1.000 | 25.40 | 0.315 | 8.00 | 2000 |

W Series

Hose Washer Caps



Specifications:

- Material: See Table
- Color: See Table

Features:

- Applied on hose and tube ends in order to prevent them from sliding over the fittings



| Item No. | Ø Hole | | I.D. | | O.D. | | Color | Material | Bulk Pack Qty |
|----------|--------|-------|-------|-------|-------|-------|--------|----------|---------------|
| | in | mm | in | mm | in | mm | | | |
| W6A | 0.320 | 8.13 | 0.589 | 14.96 | 0.685 | 17.40 | Yellow | LDPE | 4750 |
| W6C | 0.320 | 8.13 | 0.589 | 14.96 | 0.685 | 17.40 | Black | TPE | 4750 |
| W8A | 0.445 | 11.30 | 0.760 | 19.30 | 0.860 | 21.84 | Yellow | LDPE | 4000 |
| W8C | 0.445 | 11.30 | 0.760 | 19.30 | 0.860 | 21.84 | Black | TPE | 4000 |
| W10A | 0.575 | 14.61 | 0.870 | 22.10 | 0.968 | 24.59 | Yellow | LDPE | 5000 |
| W10C | 0.575 | 14.61 | 0.870 | 22.10 | 0.968 | 24.59 | Black | TPE | 5000 |

| Item No. | Ø Hole | | I.D. | | O.D. | | Color | Material | Bulk Pack Qty |
|----------|--------|-------|-------|-------|-------|-------|--------|----------|---------------|
| | in | mm | in | mm | in | mm | | | |
| W13A | 0.700 | 17.78 | 1.040 | 26.42 | 1.141 | 28.98 | Yellow | LDPE | 7000 |
| W13C | 0.700 | 17.78 | 1.040 | 26.42 | 1.141 | 28.98 | Black | TPE | 6500 |
| W15A | 0.828 | 21.03 | 1.165 | 29.59 | 1.266 | 32.16 | Yellow | LDPE | 5000 |
| W15C | 0.828 | 21.03 | 1.165 | 29.59 | 1.266 | 32.16 | Black | TPE | 5000 |
| W20A | 1.050 | 26.67 | 1.300 | 33.02 | 1.400 | 35.56 | Yellow | LDPE | 5000 |
| W20C | 1.050 | 26.67 | 1.300 | 33.02 | 1.400 | 35.56 | Black | TPE | 5000 |

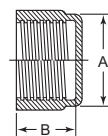
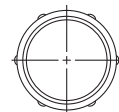


G Series

UNF/JIC Threaded Caps for Flared/Flareless Fittings

Specifications:

- Material: Low-Density Polyethylene
- Color: Blue



Features:

- Threaded cap with rolled threads allows you to thread or push on for easy application
- Protects flared and flareless fittings against dirt, dents and moisture

See pages 64 and 65 for Application Wizards

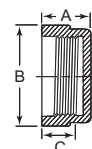
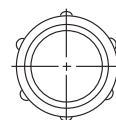
| Item No. | UNF/JIC Thread Size | Tubing Size | JIC Fitting Size | A | | B | | Bulk Pack Qty |
|----------|---------------------|-------------|------------------|-------|-------|-------|-------|---------------|
| | | | | in | mm | in | mm | |
| G1A | 3/8 - 24 | 3/16 | 3 | 0.437 | 11.11 | 0.469 | 11.91 | 5000 |
| G2A | 7/16 - 20 | 1/4 | 4 | 0.500 | 12.70 | 0.500 | 12.70 | 5000 |
| G3A | 7/16 - 24 | 1/4 | 4 | 0.500 | 12.70 | 0.313 | 7.94 | 4500 |
| G4A | 1/2 - 20 | 5/16 | 5 | 0.563 | 14.29 | 0.313 | 7.94 | 6500 |
| G5A | 1/2 - 20 | 5/16 | 5 | 0.563 | 14.29 | 0.500 | 12.70 | 4500 |
| G6A | 1/2 - 26 | — | — | 0.563 | 14.29 | 0.500 | 12.70 | 4250 |
| G7A | 1/2 - 20 | 5/16 | 5 | 0.563 | 14.29 | 0.875 | 22.23 | 5000 |
| G8A | 9/16 - 18 | 3/8 | 6 | 0.625 | 15.88 | 0.500 | 12.70 | 6500 |
| G9A | 5/8 - 18 | 3/8 | — | 0.687 | 17.46 | 0.500 | 12.70 | 6000 |
| G11A | 5/8 - 18 | 3/8 | — | 0.687 | 17.46 | 0.563 | 14.29 | 5000 |
| G12A | 5/8 - 18 | 3/8 | — | 0.687 | 17.46 | 0.813 | 20.64 | 3500 |
| G13A | 5/8 - 24 | — | — | 0.687 | 17.46 | 0.375 | 9.53 | 4250 |
| G14A | 3/4 - 16 | 1/2 | 8 | 0.813 | 20.64 | 0.625 | 15.88 | 3500 |
| G15A | 3/4 - 18 | — | — | 0.813 | 20.64 | 0.906 | 23.02 | 2500 |

| Item No. | UNF/JIC Thread Size | Tubing Size | JIC Fitting Size | A | | B | | Bulk Pack Qty |
|----------|---------------------|-------------|------------------|-------|-------|-------|-------|---------------|
| | | | | in | mm | in | mm | |
| G16A | 3/4 - 20 | — | — | 0.813 | 20.64 | 0.437 | 11.11 | 5000 |
| G17A | 7/8 - 14 | 5/8 | 10 | 0.937 | 23.81 | 0.719 | 18.26 | 2400 |
| G18A | 7/8 - 14 | 5/8 | 10 | 0.937 | 23.81 | 1.000 | 25.40 | 3500 |
| G19A | 7/8 - 18 | — | — | 0.937 | 23.81 | 0.437 | 11.11 | 3500 |
| G20A | 7/8 - 18 | — | — | 0.937 | 23.81 | 0.781 | 19.84 | 4500 |
| G21A | 1 - 14 | — | — | 1.063 | 26.99 | 0.781 | 19.84 | 3500 |
| G22A | 1 - 1/16 - 12 | 3/4 | 12 | 1.125 | 28.58 | 0.813 | 20.64 | 3000 |
| G23A | 1 - 1/16 - 14 | 3/4 | — | 1.125 | 28.58 | 0.813 | 20.64 | 3000 |
| G24A | 1 - 1/16 - 16 | — | — | 1.125 | 28.58 | 1.000 | 25.40 | 2500 |
| G25A | 1 - 3/16 - 12 | 7/8 | 14 | 1.250 | 31.75 | 0.937 | 23.81 | 2000 |
| G26A | 1 - 1/4 - 18 | — | — | 1.375 | 34.93 | 0.469 | 11.91 | 3500 |
| G27A | 1 - 5/16 - 12 | 1 | 16 | 1.375 | 34.93 | 0.875 | 22.23 | 2000 |
| G30A | 1 - 5/8 - 12 | 1 - 1/4 | 20 | 1.750 | 44.45 | 0.906 | 23.02 | 1200 |

Threaded Caps

Specifications:

- Material: Low-Density Polyethylene
- Color: Red



Features:

- Protects threaded components from dust, moisture and damage during production, storage and shipment
- Designed with an easy-to-grip head for ease of hand installation

TCUNF Series

UNF/JIC Threaded Caps

| Item No. | To Cap UNF/JIC Thread Size | Tubing Size | JIC Fitting Size | A | | B | | C | | Bulk Pack Qty |
|----------|----------------------------|-------------|------------------|-------|-------|-------|-------|-------|-------|---------------|
| | | | | in | mm | in | mm | in | mm | |
| 10251A | 3/8 x 24 | 3/16 | 3 | 0.327 | 8.30 | 0.433 | 11.00 | 0.157 | 4.00 | 5000 |
| 10332A | 7/16 x 20 | 1/4 | 4 | 0.508 | 12.90 | 0.524 | 13.30 | 0.315 | 8.00 | 5000 |
| 12652A | 7/16 x 24 | 1/4 | — | 0.539 | 13.70 | 0.524 | 13.30 | 0.307 | 7.80 | 5000 |
| 10528A | 1/2 x 20 | 5/16 | 5 | 0.531 | 13.50 | 0.571 | 14.50 | 0.374 | 9.50 | 5000 |
| 11041A | 9/16 x 18 | 3/8 | 6 | 0.531 | 13.50 | 0.65 | 16.50 | 0.374 | 9.50 | 5000 |
| 10653A | 5/8 x 18 | 3/8 | — | 0.614 | 15.60 | 0.717 | 18.20 | 0.295 | 7.50 | 5000 |
| 12847A | 3/4 x 16 | 1/2 | 8 | 0.543 | 13.80 | 0.854 | 21.70 | 0.374 | 9.50 | 4000 |
| 12825A | 13/16 x 16 | — | — | 0.602 | 15.30 | 0.917 | 23.30 | 0.366 | 9.30 | 1250 |
| 11089A | 7/8 x 14 | 5/8 | 10 | 0.795 | 20.20 | 0.98 | 24.90 | 0.567 | 14.40 | 2500 |
| 12075A | 7/8 x 18 | — | — | 0.787 | 20.00 | 0.996 | 25.30 | 0.551 | 14.00 | 2500 |
| 12826A | 1 x 14 | — | — | 0.677 | 17.20 | 1.087 | 27.60 | 0.472 | 12.00 | 2500 |
| 10685A | 1 - 1/16 x 12 | 3/4 | 12 | 0.748 | 19.00 | 1.157 | 29.40 | 0.433 | 11.00 | 2000 |
| 10163A | 1 - 3/16 x 12 | 7/8 | 14 | 0.752 | 19.10 | 1.287 | 32.70 | 0.512 | 13.00 | 1500 |
| 10151A | 1 - 5/16 x 12 | 1 | 16 | 0.874 | 22.20 | 1.433 | 36.40 | 0.571 | 14.50 | 1000 |
| 12654A | 1 - 3/8 x 12 | — | — | 0.965 | 24.50 | 1.472 | 37.40 | 0.413 | 10.50 | 1000 |
| 10185A | 1 - 7/16 x 12 | — | — | 0.854 | 21.70 | 1.531 | 38.90 | 0.598 | 15.20 | 1000 |
| 11053A | 1 - 5/8 x 12 | 1-1/4 | 20 | 0.866 | 22.00 | 1.764 | 44.80 | 0.551 | 14.00 | 800 |
| 11804A | 1 - 7/8 x 12 | 1-1/2 | 24 | 0.984 | 25.00 | 1.98 | 50.30 | 0.591 | 15.00 | 500 |

TCMETRIC Series

Metric Threaded Caps

| Item No. | To Cap Metric Thread Size | A | | B | | C | | Bulk Pack Qty |
|----------|---------------------------|-------|-------|-------|-------|-------|-------|---------------|
| | | in | mm | in | mm | in | mm | |
| 12100A | M8 x 1 | 0.394 | 10.00 | 0.472 | 12.00 | 0.295 | 7.50 | 5000 |
| 12101A | M10 x 1 | 0.394 | 10.00 | 0.539 | 13.70 | 0.295 | 7.50 | 5000 |
| 12102A | M12 x 1 | 0.472 | 12.00 | 0.622 | 15.80 | 0.374 | 9.50 | 5000 |
| 12103A | M12 x 1.5 | 0.472 | 12.00 | 0.618 | 15.70 | 0.374 | 9.50 | 5000 |
| 12104A | M14 x 1.5 | 0.472 | 12.00 | 0.697 | 17.70 | 0.374 | 9.50 | 5000 |
| 12650A | M14 x 1.5 | 0.827 | 21.00 | 0.701 | 17.80 | 0.354 | 9.00 | 5000 |
| 12105A | M16 x 1.5 | 0.472 | 12.00 | 0.776 | 19.70 | 0.374 | 9.50 | 5000 |
| 12651A | M16 x 1.5 | 0.827 | 21.00 | 0.787 | 20.00 | 0.354 | 9.00 | 5000 |
| 12106A | M18 x 1.5 | 0.551 | 14.00 | 0.850 | 21.60 | 0.453 | 11.50 | 4000 |
| 12107A | M20 x 1.5 | 0.551 | 14.00 | 0.925 | 23.50 | 0.374 | 9.50 | 4000 |

| Item No. | To Cap Metric Thread Size | A | | B | | C | | Bulk Pack Qty |
|----------|---------------------------|-------|-------|-------|-------|-------|-------|---------------|
| | | in | mm | in | mm | in | mm | |
| 12108A | M22 x 1.5 | 0.543 | 13.80 | 1.024 | 26.00 | 0.453 | 11.50 | 3000 |
| 12845A | M22 x 1.5 | 0.965 | 24.50 | 1.024 | 26.00 | 0.689 | 17.50 | 2500 |
| 12109A | M24 x 1.5 | 0.551 | 14.00 | 1.142 | 29.00 | 0.453 | 11.50 | 3000 |
| 12110A | M25 x 1.5 | 0.551 | 14.00 | 1.122 | 28.50 | 0.453 | 11.50 | 2000 |
| 12111A | M26 x 1.5 | 0.551 | 14.00 | 1.181 | 30.00 | 0.453 | 11.50 | 2000 |
| 12967A | M28 x 1.5 | 0.488 | 12.40 | 1.260 | 32.00 | 0.551 | 14.00 | 2000 |
| 12122A | M30 x 2 | 0.453 | 11.50 | 1.339 | 34.00 | 0.610 | 15.50 | 1500 |
| 12123A | M36 x 2 | 0.630 | 16.00 | 1.587 | 40.30 | 0.531 | 13.50 | 1500 |
| 12124A | M42 x 2 | 0.630 | 16.00 | 1.831 | 46.50 | 0.531 | 13.50 | 500 |
| 12126A | M52 x 2 | 0.630 | 16.00 | 2.224 | 56.50 | 0.531 | 13.50 | 500 |

TCBSP Series

BSP Threaded Caps

| Item No. | To Cap BSP/Gas Thread Size | A | | B | | C | | Bulk Pack Qty |
|----------|----------------------------|-------|-------|-------|-------|-------|-------|---------------|
| | | in | mm | in | mm | in | mm | |
| 10392A | 1/8 x 28 | 0.472 | 12.00 | 0.465 | 11.80 | 0.256 | 6.50 | 5000 |
| 10559A | 1/4 x 19 | 0.433 | 11.00 | 0.583 | 14.80 | 0.315 | 8.00 | 5000 |
| 10104A | 3/8 x 19 | 0.445 | 11.30 | 0.736 | 18.70 | 0.291 | 7.40 | 5000 |
| 10198A | 1/2 x 14 | 0.531 | 13.50 | 0.913 | 23.20 | 0.276 | 7.00 | 5000 |
| 11157A | 5/8 x 14 | 0.618 | 15.70 | 1.000 | 25.40 | 0.394 | 10.00 | 3000 |
| 10205A | 3/4 x 14 | 0.697 | 17.70 | 1.157 | 29.40 | 0.441 | 11.20 | 2000 |
| 10970A | 7/8 x 14 | 0.768 | 19.50 | 1.276 | 32.40 | 0.492 | 12.50 | 1500 |

| Item No. | To Cap BSP/Gas Thread Size | A | | B | | C | | Bulk Pack Qty |
|----------|----------------------------|-------|-------|-------|-------|-------|-------|---------------|
| | | in | mm | in | mm | in | mm | |
| 10204A | 1 x 11 | 0.748 | 19.00 | 1.417 | 36.00 | 0.571 | 14.50 | 1500 |
| 10167A | 1 - 1/4 x 11 | 0.780 | 19.80 | 1.748 | 44.40 | 0.512 | 13.00 | 1000 |
| 10432A | 1 - 1/2 x 11 | 0.807 | 20.50 | 1.980 | 50.30 | 0.551 | 14.00 | 700 |
| 10968A | 2 x 11 | 0.827 | 21.00 | 2.437 | 61.90 | 0.591 | 15.00 | 400 |
| 12954A | 2-1/4 x 11 | 0.984 | 25.00 | 2.815 | 71.50 | 0.689 | 17.50 | 350 |
| 12905A | 2-1/2 x 11 | 1.087 | 27.60 | 3.067 | 77.90 | 0.748 | 19.00 | 300 |



BP Series Barrel Plugs

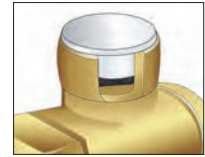
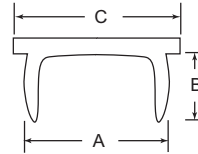


Specifications:

- Material: Low-Density Polyethylene
- Color: See Table

Features:

- General purpose plug for a wide range of applications
- Quick to fit and remove
- Convexed sides to ensure secure fit



See pages 64 and 65 for Application Wizards

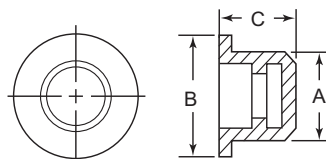
| Item No. | Color | A | | B | | C | | Bulk Pack Qty |
|--------------|---------|-------|------|-------|-----|-------|------|---------------|
| | | in | mm | in | mm | in | mm | |
| BP1000A | Natural | 0.083 | 2.1 | 0.276 | 7.0 | 0.138 | 3.5 | 1000 |
| BP1002A | Natural | 0.102 | 2.6 | 0.157 | 4.0 | 0.472 | 12.0 | 1000 |
| BP1004A | Natural | 0.106 | 2.7 | 0.236 | 6.0 | 0.472 | 12.0 | 1000 |
| BP1006A | Natural | 0.130 | 3.3 | 0.236 | 6.0 | 0.472 | 12.0 | 1000 |
| 054044922003 | Black | 0.173 | 4.4 | 0.197 | 5.0 | 0.354 | 9.0 | 1000 |
| BP1008A | Natural | 0.173 | 4.4 | 0.205 | 5.2 | 0.354 | 9.0 | 1000 |
| 054047769903 | Black | 0.181 | 4.6 | 0.197 | 5.0 | 0.276 | 7.0 | 1000 |
| BP1010A | Natural | 0.181 | 4.6 | 0.197 | 5.0 | 0.276 | 7.0 | 1000 |
| 494365 | Black | 0.213 | 5.4 | 0.295 | 7.5 | 0.472 | 12.0 | 500 |
| BP1012A | Natural | 0.213 | 5.4 | 0.295 | 7.5 | 0.472 | 12.0 | 10000 |
| BP1014A | Natural | 0.248 | 6.3 | 0.157 | 4.0 | 0.378 | 9.6 | 1000 |
| 494366 | Black | 0.287 | 7.3 | 0.236 | 6.0 | 0.551 | 14.0 | 500 |
| BP1018A | Natural | 0.287 | 7.3 | 0.236 | 6.0 | 0.551 | 14.0 | 10000 |
| 494367 | Black | 0.331 | 8.4 | 0.236 | 6.0 | 0.551 | 14.0 | 500 |
| BP1020A | Natural | 0.331 | 8.4 | 0.236 | 6.0 | 0.551 | 14.0 | 10000 |
| 055008822003 | Black | 0.346 | 8.8 | 0.315 | 8.0 | 0.453 | 11.5 | 500 |
| BP1022A | Natural | 0.346 | 8.8 | 0.315 | 8.0 | 0.453 | 11.5 | 500 |
| 055009322003 | Black | 0.366 | 9.3 | 0.354 | 9.0 | 0.472 | 12.0 | 500 |
| BP1024A | Natural | 0.366 | 9.3 | 0.354 | 9.0 | 0.472 | 12.0 | 500 |
| 494368 | Black | 0.366 | 9.3 | 0.177 | 4.5 | 0.551 | 14.0 | 500 |
| BP1026A | Natural | 0.366 | 9.3 | 0.177 | 4.5 | 0.551 | 14.0 | 6000 |
| BP1028A | Natural | 0.366 | 9.3 | 0.268 | 6.8 | 0.630 | 16.0 | 6000 |
| 054100322003 | Black | 0.394 | 10.0 | 0.157 | 4.0 | 0.472 | 12.0 | 500 |
| BP1030A | Natural | 0.394 | 10.0 | 0.157 | 4.0 | 0.472 | 12.0 | 500 |
| BP1032A | Natural | 0.394 | 10.0 | 0.354 | 9.0 | 0.591 | 15.0 | 500 |
| BP1034A | Natural | 0.421 | 10.7 | 0.236 | 6.0 | 0.551 | 14.0 | 6000 |
| 494369 | Black | 0.421 | 10.7 | 0.236 | 6.0 | 0.551 | 14.0 | 500 |
| BP1036A | Natural | 0.421 | 10.7 | 0.354 | 9.0 | 0.583 | 14.8 | 500 |
| BP1038A | Natural | 0.445 | 11.3 | 0.217 | 5.5 | 0.567 | 14.4 | 1000 |
| 494370 | Black | 0.469 | 11.9 | 0.276 | 7.0 | 0.630 | 16.0 | 500 |
| BP1040A | Natural | 0.469 | 11.9 | 0.276 | 7.0 | 0.630 | 16.0 | 5000 |
| 494371 | Black | 0.484 | 12.3 | 0.276 | 7.0 | 0.630 | 16.0 | 500 |
| BP1042A | Natural | 0.484 | 12.3 | 0.276 | 7.0 | 0.630 | 16.0 | 5000 |
| 494372 | Black | 0.504 | 12.8 | 0.307 | 7.8 | 0.787 | 20.0 | 500 |
| BP1044A | Natural | 0.504 | 12.8 | 0.307 | 7.8 | 0.787 | 20.0 | 5000 |
| BP1046A | Natural | 0.539 | 13.7 | 0.276 | 7.0 | 0.736 | 18.7 | 1000 |
| 494373 | Black | 0.539 | 13.7 | 0.315 | 8.0 | 0.787 | 20.0 | 500 |
| 12787A | Natural | 0.539 | 13.7 | 0.315 | 8.0 | 0.787 | 20.0 | 5000 |
| 1255332 | Natural | 0.551 | 14.0 | 0.276 | 7.0 | 0.736 | 18.7 | 1000 |
| 494374 | Black | 0.571 | 14.5 | 0.217 | 5.5 | 0.787 | 20.0 | 500 |
| BP1052A | Natural | 0.571 | 14.5 | 0.217 | 5.5 | 0.787 | 20.0 | 5000 |
| BP1054A | Natural | 0.575 | 14.6 | 0.374 | 9.5 | 0.728 | 18.5 | 500 |
| BP1056A | Natural | 0.591 | 15.0 | 0.276 | 7.0 | 0.736 | 18.7 | 1000 |
| 494375 | Black | 0.614 | 15.6 | 0.315 | 8.0 | 0.787 | 20.0 | 500 |
| BP1058A | Natural | 0.614 | 15.6 | 0.315 | 8.0 | 0.787 | 20.0 | 5000 |
| BP1060A | Natural | 0.650 | 16.5 | 0.276 | 7.0 | 0.736 | 18.7 | 1000 |
| 12790A | Natural | 0.669 | 17.0 | 0.323 | 8.2 | 0.866 | 22.0 | 5000 |
| BP1064A | Natural | 0.701 | 17.8 | 0.354 | 9.0 | 0.969 | 24.6 | 1000 |
| 494377 | Black | 0.724 | 18.4 | 0.315 | 8.0 | 0.984 | 25.0 | 500 |
| BP1066A | Natural | 0.724 | 18.4 | 0.315 | 8.0 | 0.984 | 25.0 | 5000 |
| BP1068A | Natural | 0.740 | 18.8 | 0.354 | 9.0 | 0.846 | 21.5 | 500 |
| 494378 | Black | 0.760 | 19.3 | 0.315 | 8.0 | 0.984 | 25.0 | 500 |
| 12792B | Natural | 0.760 | 19.3 | 0.315 | 8.0 | 0.984 | 25.0 | 5000 |
| BP1072A | Natural | 0.768 | 19.5 | 0.354 | 9.0 | 0.969 | 24.6 | 1000 |
| BP1074A | Natural | 0.791 | 20.1 | 0.354 | 9.0 | 0.969 | 24.6 | 500 |
| BP1076A | Natural | 0.807 | 20.5 | 0.354 | 9.0 | 1.004 | 25.5 | 250 |

| Item No. | Color | A | | B | | C | | Bulk Pack Qty |
|--------------|---------|-------|-------|-------|------|-------|-------|---------------|
| | | in | mm | in | mm | in | mm | |
| BP1078A | Natural | 0.807 | 20.5 | 0.421 | 10.7 | 1.181 | 30.0 | 3000 |
| 055021022003 | Black | 0.827 | 21.0 | 0.496 | 12.6 | 1.007 | 25.6 | 500 |
| BP1080A | Natural | 0.827 | 21.0 | 0.496 | 12.6 | 1.007 | 25.6 | 250 |
| BP1082A | Natural | 0.835 | 21.2 | 0.295 | 7.5 | 0.984 | 25.0 | 5000 |
| 494379 | Black | 0.854 | 21.7 | 0.315 | 8.0 | 0.984 | 25.0 | 500 |
| BP1084A | Natural | 0.854 | 21.7 | 0.315 | 8.0 | 0.984 | 25.0 | 4000 |
| 494380 | Black | 0.882 | 22.4 | 0.354 | 9.0 | 1.102 | 28.0 | 500 |
| BP1086A | Natural | 0.882 | 22.4 | 0.354 | 9.0 | 1.102 | 28.0 | 4000 |
| BP1088A | Natural | 0.906 | 23.0 | 0.760 | 19.3 | 1.079 | 27.4 | 100 |
| 494381 | Black | 0.921 | 23.4 | 0.354 | 9.0 | 1.102 | 28.0 | 500 |
| BP1090A | Natural | 0.921 | 23.4 | 0.354 | 9.0 | 1.102 | 28.0 | 4000 |
| BP1092A | Natural | 0.945 | 24.0 | 0.504 | 12.8 | 1.063 | 27.0 | 100 |
| 494382 | Black | 0.969 | 24.6 | 0.354 | 9.0 | 1.102 | 28.0 | 500 |
| BP1094A | Natural | 0.969 | 24.6 | 0.354 | 9.0 | 1.102 | 28.0 | 3000 |
| BP1096A | Natural | 0.976 | 24.8 | 0.236 | 6.0 | 1.240 | 31.5 | 100 |
| BP1098A | Natural | 0.984 | 25.0 | 0.512 | 13.0 | 1.260 | 32.0 | 100 |
| 494383 | Black | 1.004 | 25.5 | 0.295 | 7.5 | 1.102 | 28.0 | 500 |
| BP1100A | Natural | 1.004 | 25.5 | 0.295 | 7.5 | 1.102 | 28.0 | 3000 |
| 494384 | Black | 1.043 | 26.5 | 0.354 | 9.0 | 1.102 | 28.0 | 500 |
| BP1102A | Natural | 1.043 | 26.5 | 0.354 | 9.0 | 1.102 | 28.0 | 4000 |
| BP1104A | Natural | 1.063 | 27.0 | 0.591 | 15.0 | 1.165 | 29.6 | 100 |
| BP1106A | Natural | 1.083 | 27.5 | 0.472 | 12.0 | 1.370 | 34.8 | 500 |
| BP1108A | Natural | 1.126 | 28.6 | 0.591 | 15.0 | 1.339 | 34.0 | 100 |
| BP1110A | Natural | 1.142 | 29.0 | 0.472 | 12.0 | 1.417 | 36.0 | 3000 |
| 494385 | Black | 1.201 | 30.5 | 0.472 | 12.0 | 1.417 | 36.0 | 500 |
| BP1112A | Natural | 1.201 | 30.5 | 0.472 | 12.0 | 1.417 | 36.0 | 2500 |
| BP1114A | Natural | 1.252 | 31.8 | 0.394 | 10.0 | 1.417 | 36.0 | 2000 |
| BP1116A | Natural | 1.283 | 32.6 | 0.472 | 12.0 | 1.370 | 34.8 | 500 |
| 494386 | Black | 1.319 | 33.5 | 0.472 | 12.0 | 1.417 | 36.0 | 500 |
| BP1118A | Natural | 1.319 | 33.5 | 0.472 | 12.0 | 1.417 | 36.0 | 2000 |
| BP1120A | Natural | 1.319 | 33.5 | 0.472 | 12.0 | 1.614 | 41.0 | 100 |
| BP1122A | Natural | 1.370 | 34.8 | 0.591 | 15.0 | 1.654 | 42.0 | 2000 |
| BP1124A | Natural | 1.398 | 35.5 | 0.591 | 15.0 | 1.831 | 46.5 | 100 |
| BP1126A | Natural | 1.437 | 36.5 | 0.591 | 15.0 | 1.654 | 42.0 | 1500 |
| BP1128A | Natural | 1.480 | 37.6 | 0.472 | 12.0 | 1.591 | 40.4 | 500 |
| BP1130A | Natural | 1.512 | 38.4 | 0.591 | 15.0 | 1.654 | 42.0 | 2000 |
| BP1134A | Natural | 1.598 | 40.6 | 0.591 | 15.0 | 1.732 | 44.0 | 1000 |
| BP1136A | Natural | 1.665 | 42.3 | 0.591 | 15.0 | 1.890 | 48.0 | 1000 |
| BP1138A | Natural | 1.705 | 43.3 | 0.591 | 15.0 | 1.988 | 50.5 | 100 |
| BP1140A | Natural | 1.811 | 46.0 | 0.709 | 18.0 | 2.165 | 55.0 | 1500 |
| BP1142A | Natural | 1.988 | 50.5 | 0.551 | 14.0 | 2.244 | 57.0 | 100 |
| BP1144A | Natural | 2.028 | 51.5 | 0.709 | 18.0 | 2.165 | 55.0 | 1500 |
| BP1146A | Natural | 2.067 | 52.5 | 0.551 | 14.0 | 2.362 | 60.0 | 100 |
| BP1148A | Natural | 2.130 | 54.1 | 0.709 | 18.0 | 2.311 | 58.7 | 500 |
| BP1150A | Natural | 2.177 | 55.3 | 0.768 | 19.5 | 2.343 | 59.5 | 100 |
| BP1152A | Natural | 2.283 | 58.0 | 0.709 | 18.0 | 2.520 | 64.0 | 750 |
| BP1154A | Natural | 2.346 | 59.6 | 0.709 | 18.0 | 2.894 | 73.5 | 500 |
| BP1156A | Natural | 2.756 | 70.0 | 0.709 | 18.0 | 3.071 | 78.0 | 500 |
| BP1158A | Natural | 2.902 | 73.7 | 0.685 | 17.4 | 3.240 | 82.3 | 500 |
| BP1160A | Natural | 3.181 | 80.8 | 0.685 | 17.4 | 3.642 | 92.5 | 250 |
| BP1162A | Natural | 3.346 | 85.0 | 0.709 | 18.0 | 3.681 | 93.5 | 50 |
| BP1164A | Natural | 3.406 | 86.5 | 0.685 | 17.4 | 3.909 | 99.3 | 250 |
| BP1166A | Natural | 3.890 | 98.8 | 0.685 | 17.4 | 4.409 | 112.0 | 250 |
| BP1168A | Natural | 4.350 | 110.5 | 0.709 | 18.0 | 5.118 | 130.0 | 50 |
| BP1170A | Natural | 4.398 | 111.7 | 0.685 | 17.4 | 4.843 | 123.0 | 250 |



PUSH-FIT PLUGS

FT Series
TPR, PVC & Vinyl Plugs



Specifications:

- Materials: Thermoplastic Rubber, PVC or Vinyl
- Color: See Table

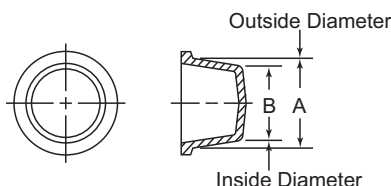
Features:

- Highly resistant to shredding
- Ideal for threaded applications
- Thermoplastic rubber is recommended for use wherever resistance to acid is required
- PVC is highly resistant to shredding and ideal for threaded applications
- Green Vinyl works well with oils and greases



| Item No. | | | A | | B | | C | | Bulk Pack Qty | | |
|-----------|-----------|-------------|-------|-------|-------|-------|-------|-------|---------------|-----------|-------------|
| Black TPR | Black PVC | Green Vinyl | in | mm | in | mm | in | mm | Black TPR | Black PVC | Green Vinyl |
| 18071B | 10874A | — | 0.125 | 3.20 | 0.276 | 7.00 | 0.354 | 9.00 | 10000 | 10000 | 10000 |
| 12049B | 12665A | — | 0.197 | 5.00 | 0.433 | 11.00 | 0.471 | 11.99 | 10000 | 10000 | 10000 |
| 12050B | 12666A | 11806 | 0.236 | 5.99 | 0.472 | 11.99 | 0.471 | 11.99 | 10000 | 10000 | 5000 |
| 12051B | 12667A | 11817 | 0.275 | 6.99 | 0.511 | 12.98 | 0.471 | 11.99 | 10000 | 10000 | 5000 |
| 12052B | 12668A | 11808 | 0.315 | 8.00 | 0.551 | 14.00 | 0.471 | 11.99 | 10000 | 10000 | 10000 |
| 12053B | 12669A | 11829 | 0.354 | 8.99 | 0.580 | 14.99 | 0.471 | 11.99 | 10000 | 10000 | 5000 |
| 12054B | 12670A | 11807 | 0.393 | 9.98 | 0.629 | 15.98 | 0.471 | 11.99 | 10000 | 10000 | 5000 |
| 12055B | 12671A | 11824 | 0.433 | 11.00 | 0.669 | 16.99 | 0.471 | 11.99 | 10000 | 10000 | 10000 |
| 12056B | 12672A | 11809 | 0.472 | 11.99 | 0.787 | 19.99 | 0.471 | 11.99 | 8000 | 8000 | 8000 |
| 12057B | 12673A | 11822 | 0.511 | 12.98 | 0.826 | 20.98 | 0.551 | 14.00 | 8000 | 8000 | 8000 |
| 12058B | 12674A | 11813 | 0.551 | 14.00 | 0.866 | 22.00 | 0.551 | 14.00 | 6000 | 7000 | 7000 |
| 12059B | 12675A | 11830 | 0.580 | 14.99 | 0.905 | 22.99 | 0.571 | 14.50 | 6000 | 5000 | 6000 |
| 12060B | 12677A | 11820 | 0.630 | 16.00 | 0.945 | 24.00 | 0.551 | 14.00 | 6000 | 6000 | 6000 |
| FLP17A | 12678A | 11811 | 0.669 | 17.00 | 1.063 | 27.00 | 0.531 | 13.50 | 4000 | 5000 | 5000 |
| 12062B | 12679A | 11827 | 0.709 | 18.01 | 1.102 | 27.99 | 0.551 | 14.00 | 4000 | 4000 | 4000 |
| 12063B | 12680A | 11818 | 0.748 | 19.00 | 1.142 | 29.01 | 0.551 | 14.00 | 4000 | 2000 | 2000 |
| 12064B | 12681A | 11812 | 0.787 | 19.99 | 1.181 | 30.00 | 0.551 | 14.00 | 4000 | 2000 | 2000 |
| 12065B | 12683A | 11823 | 0.827 | 21.01 | 1.220 | 30.99 | 0.551 | 14.00 | 3000 | 2500 | 3000 |
| FLP21A | 12684A | 11828 | 0.879 | 22.33 | 1.260 | 32.00 | 0.551 | 14.00 | 2500 | 3000 | 1500 |
| 12067B | 12685A | 11814 | 0.906 | 23.01 | 1.299 | 32.99 | 0.630 | 16.00 | 3000 | 1500 | 1500 |
| 12068B | 12686A | 11810 | 0.945 | 24.00 | 1.339 | 34.01 | 0.630 | 16.00 | 2500 | 2500 | 2500 |
| 12069B | 12687A | 11816 | 0.984 | 24.99 | 1.378 | 35.00 | 0.630 | 16.00 | 2000 | 2000 | 2000 |
| 12070B | 12688A | 11819 | 1.024 | 26.01 | 1.417 | 35.99 | 0.630 | 16.00 | 2000 | 2000 | 2000 |
| 12071B | 12689A | 11821 | 1.063 | 27.00 | 1.457 | 37.01 | 0.630 | 16.00 | 2000 | 2000 | 2000 |
| 12072B | 12690A | 11825 | 1.102 | 27.99 | 1.496 | 38.00 | 0.630 | 16.00 | 2000 | 2000 | 2000 |
| FLP30A | 12692A | 11826 | 1.190 | 30.23 | 1.400 | 35.56 | 0.630 | 16.00 | 1500 | 1000 | 1000 |
| 12501B | 12693A | 12078 | 1.575 | 40.01 | 1.969 | 50.01 | 0.866 | 22.00 | 700 | 500 | 700 |
| 12502B | 12694A | — | 1.850 | 46.99 | 2.244 | 57.00 | 0.866 | 22.00 | 500 | 500 | 500 |

DMVP Series
Vinyl Tapered Plugs



Specifications:

- Material: PVC
- Color: Black
- Temperature Range: Up to 350°F (177°C)

Features:

- The flexibility of the material allows these plugs to fit into smaller dimensions for a snug fit
- The tapered design allows the part to plug multiple inner diameters

To Assure Proper Fit:

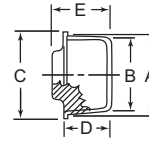
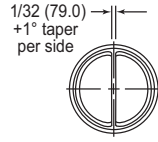


Plug dimension "A" should be approx. 1% larger than the inner diameter of the part. Minimum of .020"

| Item No. | A | | B | | Bulk Pack Qty |
|-----------|-------|-------|-------|-------|---------------|
| | in | mm | in | mm | |
| DMVP0285A | 0.290 | 7.20 | 0.180 | 4.40 | 5000 |
| DMVP0360A | 0.360 | 9.10 | 0.250 | 6.40 | 5000 |
| DMVP0405A | 0.410 | 10.30 | 0.300 | 7.50 | 5000 |
| DMVP0465A | 0.470 | 11.80 | 0.360 | 9.00 | 5000 |
| DMVP0530A | 0.530 | 13.50 | 0.420 | 10.70 | 5000 |
| DMVP0605A | 0.610 | 15.40 | 0.500 | 12.60 | 5000 |
| DMVP0750A | 0.750 | 19.10 | 0.640 | 16.30 | 2000 |
| DMVP0850A | 0.850 | 21.60 | 0.740 | 18.80 | 2500 |
| DMVP1015A | 1.020 | 25.80 | 0.910 | 23.00 | 2500 |
| DMVP1190A | 1.190 | 30.20 | 1.060 | 27.40 | 2000 |



**CP Series
Center Pull Tab Plugs**



Specifications:

- Material: Low-Density Polyethylene
- Color: See Table

Features:

- The integral center pull tab feature is designed for quick and easy removal
- The tapered design allows the part to plug multiple inner diameters

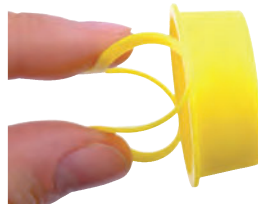
To Assure Proper Fit:



Plug dimension "A" should be approx. 1% larger than the inner diameter of the part. Minimum of .020"

| Item No. | A | | B | | C | | D | | E | | Bulk Pack Qty | |
|----------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---------------|------|
| Orange | Red | in | mm | in | mm | in | mm | in | mm | in | mm | |
| CP4A | — | 0.269 | 6.83 | 0.209 | 5.31 | 0.380 | 9.65 | 0.340 | 8.64 | 0.590 | 14.99 | 5000 |
| CP5A | — | 0.303 | 7.69 | 0.239 | 6.07 | 0.469 | 11.91 | 0.370 | 9.39 | 0.630 | 16.00 | 5000 |
| CP6A | — | 0.335 | 8.51 | 0.267 | 6.78 | 0.469 | 11.91 | 0.406 | 10.32 | 0.625 | 15.88 | 5000 |
| CP7A | — | 0.370 | 9.40 | 0.302 | 7.67 | 0.531 | 13.49 | 0.375 | 9.53 | 0.750 | 19.05 | 5000 |
| CP8A | — | 0.396 | 10.06 | 0.330 | 8.38 | 0.530 | 13.46 | 0.410 | 10.41 | 0.790 | 20.07 | 5000 |
| CP9A | — | 0.428 | 10.87 | 0.362 | 9.19 | 0.594 | 15.08 | 0.375 | 9.53 | 0.750 | 19.05 | 7000 |
| CP10A | — | 0.463 | 11.76 | 0.402 | 10.21 | 0.625 | 15.88 | 0.375 | 9.53 | 0.750 | 19.05 | 6000 |
| CP11A | — | 0.486 | 12.34 | 0.422 | 10.72 | 0.625 | 15.88 | 0.406 | 10.32 | 0.781 | 19.84 | 5500 |
| CP12A | — | 0.512 | 13.00 | 0.448 | 11.38 | 0.656 | 16.67 | 0.406 | 10.32 | 0.563 | 14.29 | 5000 |
| — | 110033 | 0.539 | 13.70 | 0.461 | 11.70 | 0.677 | 17.20 | 0.433 | 11.00 | 0.866 | 22.00 | 5000 |
| — | — | 0.548 | 13.92 | 0.471 | 11.96 | 0.690 | 17.53 | 0.470 | 11.94 | 0.850 | 21.59 | 5000 |
| CP13A | — | 0.568 | 14.43 | 0.500 | 12.70 | 0.719 | 18.26 | 0.469 | 11.91 | 0.813 | 20.64 | 7500 |
| CP14A | — | 0.608 | 15.44 | 0.532 | 13.51 | 0.750 | 19.05 | 0.470 | 11.94 | 0.780 | 19.81 | 6000 |
| CP15B | — | 0.633 | 16.08 | 0.551 | 14.00 | 0.780 | 19.81 | 0.500 | 12.70 | 0.750 | 19.05 | 5000 |
| CP16A | — | 0.668 | 16.97 | 0.580 | 14.73 | 0.813 | 20.64 | 0.531 | 13.49 | 0.750 | 19.05 | 5500 |
| CP18A | — | 0.695 | 17.65 | 0.610 | 15.49 | 0.840 | 21.34 | 0.530 | 13.46 | 0.780 | 19.81 | 5000 |
| CP19A | — | 0.720 | 18.30 | 0.646 | 16.40 | 0.874 | 22.20 | 0.484 | 12.30 | 0.925 | 23.50 | 5000 |
| — | 110035 | 0.787 | 19.99 | 0.691 | 17.55 | 0.938 | 23.81 | 0.594 | 15.08 | 0.750 | 19.05 | 3500 |
| CP23A | — | 0.825 | 20.96 | 0.727 | 18.47 | 1.000 | 25.40 | 0.590 | 14.99 | 0.840 | 21.34 | 5000 |
| CP24A | — | 0.933 | 23.70 | 0.819 | 20.80 | 1.125 | 28.58 | 0.750 | 19.05 | 1.000 | 25.40 | 4000 |
| CP29A | — | 0.973 | 24.71 | 0.869 | 22.07 | 1.120 | 28.45 | 0.750 | 19.05 | 1.000 | 25.40 | 4000 |
| CP31A | — | 1.004 | 25.50 | 0.886 | 22.50 | 1.138 | 28.90 | 0.701 | 17.80 | 1.142 | 29.00 | 2500 |
| — | 10418 | 1.074 | 27.28 | 0.935 | 23.75 | 1.156 | 29.37 | 0.750 | 19.05 | 0.938 | 23.81 | 3500 |
| CP35A | — | 1.092 | 27.74 | 0.967 | 24.56 | 1.250 | 31.75 | 0.780 | 19.81 | 1.030 | 26.16 | 2500 |
| CP37A | — | 1.146 | 29.11 | 1.026 | 26.06 | 1.340 | 34.04 | 0.750 | 19.05 | 1.000 | 25.40 | 2500 |
| CP40A | — | 1.219 | 30.96 | 1.093 | 27.76 | 1.410 | 35.81 | 0.780 | 19.81 | 1.000 | 25.40 | 2500 |
| CP42A | — | 1.286 | 32.66 | 1.150 | 29.21 | 1.550 | 39.37 | 0.750 | 19.05 | 1.000 | 25.40 | 2000 |
| CP44A | — | 1.360 | 34.54 | 1.235 | 31.37 | 1.530 | 38.86 | 0.750 | 19.05 | 1.000 | 25.40 | 2000 |
| CP46A | — | 1.356 | 33.22 | 1.292 | 32.82 | 1.500 | 38.10 | 0.781 | 19.84 | 1.000 | 25.40 | 1800 |
| CP47A | — | 1.465 | 37.21 | 1.312 | 33.32 | 1.620 | 41.15 | 0.750 | 19.05 | 1.000 | 25.40 | 1800 |
| CP49A | — | 1.527 | 38.79 | 1.344 | 34.14 | 1.750 | 44.45 | 0.880 | 22.35 | 1.000 | 25.40 | 1500 |
| CP51A | — | 1.601 | 40.67 | 1.451 | 36.86 | 1.750 | 44.45 | 0.750 | 19.05 | 1.000 | 25.40 | 1500 |
| CP55A | — | 1.735 | 44.07 | 1.615 | 41.02 | 1.906 | 48.42 | 0.719 | 18.26 | 1.125 | 28.58 | 1000 |
| CP56A | — | 1.835 | 46.61 | 1.820 | 46.23 | 2.031 | 51.59 | 0.500 | 12.70 | 0.750 | 19.05 | 1500 |
| CP59A | — | 1.938 | 49.23 | 1.807 | 45.90 | 2.160 | 54.86 | 1.000 | 25.40 | 1.250 | 31.75 | 1000 |
| CP57A | — | 2.075 | 52.70 | 1.898 | 48.20 | 2.248 | 57.10 | 1.000 | 25.40 | 1.039 | 26.40 | 300 |
| — | 110039 | 2.243 | 56.97 | 2.067 | 52.50 | 2.440 | 61.98 | 1.030 | 26.16 | 1.250 | 31.75 | 1000 |
| CP61A | — | 2.270 | 57.66 | 2.230 | 56.64 | 2.530 | 64.26 | 0.500 | 12.70 | 0.750 | 19.05 | 1000 |
| CP63A | — | 2.402 | 61.00 | 2.165 | 55.00 | 2.559 | 65.00 | 0.984 | 25.00 | 1.024 | 26.00 | 400 |
| CP65A | — | 2.464 | 62.59 | 2.300 | 58.42 | 2.660 | 67.56 | 1.000 | 25.40 | 1.250 | 31.75 | 500 |
| — | 110041 | 2.650 | 67.30 | 2.335 | 59.30 | 2.780 | 70.60 | 1.209 | 30.70 | 1.240 | 31.50 | 150 |
| — | 110042 | 2.764 | 70.20 | 2.654 | 67.40 | 2.937 | 74.60 | 0.984 | 25.00 | 1.024 | 26.00 | 300 |
| CP71A | — | 3.452 | 87.68 | 3.320 | 84.33 | 3.620 | 91.95 | 0.750 | 19.05 | 1.000 | 25.40 | 200 |

Tapered Plug with Ring Tab

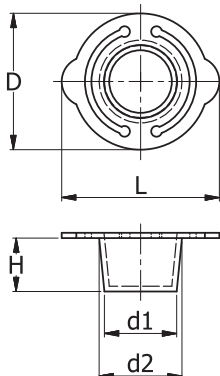


Specifications:

- Material: Low-Density Polyethylene
- Color: Yellow

Features:

- Tapered profile for extended dimensions
- Easy removal of the part with strong ring tab

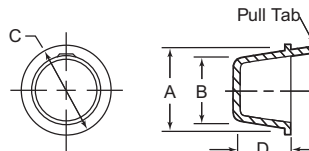


| Item No. | d1 | | d2 | | H | | D | | L | | Bulk Pack Qty |
|----------|------|-------|------|-------|------|-------|------|-------|------|-------|---------------|
| | mm | in | mm | in | mm | in | mm | in | mm | in | |
| 498716 | 5.0 | 0.197 | 7.0 | 0.276 | 9.5 | 0.374 | 17.3 | 0.681 | 20.3 | 0.799 | 1000 |
| 498717 | 6.0 | 0.236 | 8.0 | 0.315 | 9.5 | 0.374 | 18.2 | 0.717 | 21.1 | 0.831 | 1000 |
| 498718 | 7.0 | 0.276 | 9.5 | 0.374 | 9.5 | 0.374 | 20.3 | 0.799 | 23.3 | 0.917 | 1000 |
| 498719 | 8.0 | 0.315 | 10.0 | 0.394 | 9.5 | 0.374 | 20.3 | 0.799 | 23.2 | 0.913 | 1000 |
| 498720 | 9.5 | 0.374 | 11.5 | 0.453 | 9.5 | 0.374 | 21.9 | 0.862 | 24.8 | 0.976 | 1000 |
| 498721 | 10.5 | 0.413 | 12.5 | 0.492 | 9.5 | 0.374 | 22.6 | 0.890 | 26.5 | 1.043 | 1000 |
| 498722 | 11.5 | 0.453 | 13.5 | 0.531 | 9.5 | 0.374 | 23.7 | 0.933 | 27.5 | 1.083 | 1000 |
| 498723 | 12.5 | 0.492 | 14.5 | 0.571 | 10.0 | 0.394 | 24.5 | 0.965 | 28.4 | 1.118 | 1000 |
| 498724 | 13.5 | 0.531 | 15.5 | 0.61 | 10.0 | 0.394 | 25.5 | 1.004 | 29.5 | 1.161 | 1000 |
| 498725 | 14.2 | 0.559 | 16.2 | 0.638 | 10.0 | 0.394 | 26.3 | 1.035 | 30.3 | 1.193 | 1000 |
| 498726 | 14.5 | 0.571 | 17.0 | 0.669 | 10.0 | 0.394 | 27.0 | 1.063 | 31.0 | 1.220 | 500 |
| 498727 | 15.5 | 0.610 | 18.0 | 0.709 | 10.0 | 0.394 | 28.3 | 1.114 | 32.0 | 1.260 | 500 |
| 498728 | 17.5 | 0.689 | 19.5 | 0.768 | 10.0 | 0.394 | 30.0 | 1.181 | 34.0 | 1.339 | 500 |
| 498729 | 18.0 | 0.709 | 20.0 | 0.787 | 10.0 | 0.394 | 30.0 | 1.181 | 34.0 | 1.339 | 500 |
| 498730 | 19.0 | 0.748 | 21.5 | 0.846 | 11.0 | 0.433 | 32.0 | 1.260 | 35.7 | 1.406 | 500 |
| 498731 | 21.0 | 0.827 | 24.2 | 0.953 | 11.0 | 0.433 | 34.7 | 1.366 | 38.7 | 1.524 | 500 |
| 498732 | 22.5 | 0.886 | 25.5 | 1.004 | 12.0 | 0.472 | 36.0 | 1.417 | 40.0 | 1.575 | 500 |
| 498733 | 25.0 | 0.984 | 28.0 | 1.102 | 12.0 | 0.472 | 38.5 | 1.516 | 42.2 | 1.661 | 500 |
| 498734 | 29.0 | 1.142 | 31.5 | 1.240 | 12.0 | 0.472 | 41.8 | 1.646 | 47.0 | 1.850 | 500 |
| 498735 | 29.5 | 1.161 | 32.0 | 1.260 | 12.0 | 0.472 | 42.5 | 1.673 | 47.6 | 1.874 | 500 |



PUSH-FIT PLUGS

P Series Side Pull Tab Plugs



Specifications:

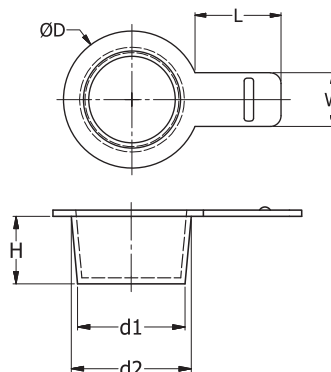
- Material: Low-Density Polyethylene
- Color: Blue

Features:

- The integral side pull tab feature is designed for easy removal in awkward locations
- The tapered design allows the part to plug multiple inner diameters

| Item No. | A | | B | | C | | D | | Bulk Pack Qty |
|----------|-------|-------|-------|-------|-------|-------|-------|-------|---------------|
| | in | mm | in | mm | in | mm | in | mm | |
| P7A | 0.365 | 9.27 | 0.300 | 7.62 | 0.531 | 13.49 | 0.375 | 9.53 | 5000 |
| P8A | 0.398 | 10.11 | 0.330 | 8.38 | 0.563 | 14.30 | 0.375 | 9.53 | 5000 |
| P11A | 0.485 | 12.32 | 0.420 | 10.67 | 0.594 | 15.08 | 0.375 | 9.53 | 5000 |
| P13A | 0.548 | 13.92 | 0.471 | 11.96 | 0.690 | 17.53 | 0.470 | 11.94 | 5000 |
| P16A | 0.623 | 15.82 | 0.531 | 13.49 | 0.750 | 19.05 | 0.500 | 12.70 | 7000 |
| P17A | 0.634 | 16.10 | 0.550 | 13.97 | 0.781 | 19.84 | 0.500 | 12.70 | 7000 |
| P18A | 0.668 | 16.97 | 0.580 | 14.73 | 0.810 | 20.57 | 0.530 | 13.46 | 5000 |
| P20A | 0.729 | 18.52 | 0.640 | 16.26 | 0.880 | 22.35 | 0.500 | 12.70 | 5000 |
| P23A | 0.785 | 19.94 | 0.690 | 17.53 | 0.937 | 23.81 | 0.625 | 15.88 | 3500 |
| P24A | 0.805 | 20.44 | 0.717 | 18.21 | 0.937 | 23.81 | 0.625 | 15.88 | 5000 |
| P26A | 0.912 | 23.16 | 0.802 | 20.37 | 1.060 | 26.92 | 0.650 | 16.51 | 5000 |
| P27A | 0.933 | 23.70 | 0.815 | 20.70 | 1.120 | 28.45 | 0.620 | 15.75 | 5000 |
| P31A | 0.975 | 24.77 | 0.870 | 22.10 | 1.125 | 28.58 | 0.625 | 15.88 | 2500 |
| P33A | 1.040 | 26.42 | 0.915 | 23.24 | 1.160 | 29.46 | 0.720 | 18.29 | 5000 |
| P40A | 1.090 | 27.69 | 0.964 | 24.49 | 1.250 | 31.75 | 0.780 | 19.81 | 3000 |
| P41A | 1.145 | 29.08 | 0.995 | 25.27 | 1.310 | 33.27 | 0.780 | 19.81 | 2500 |
| P42A | 1.230 | 31.24 | 1.110 | 28.19 | 1.516 | 38.50 | 0.750 | 19.05 | 2500 |
| P44A | 1.275 | 32.39 | 1.165 | 29.59 | 1.405 | 35.69 | 0.750 | 19.05 | 2500 |
| P46A | 1.360 | 34.54 | 1.233 | 31.32 | 1.500 | 38.10 | 0.840 | 21.34 | 2500 |
| P53A | 1.600 | 40.64 | 1.450 | 36.83 | 1.750 | 44.45 | 0.750 | 19.05 | 2000 |
| P55A | 1.682 | 42.74 | 1.560 | 39.62 | 1.875 | 47.63 | 0.750 | 19.05 | 1500 |
| P57A | 1.750 | 44.45 | 1.633 | 41.48 | 1.940 | 49.28 | 0.750 | 19.05 | 1000 |
| P59A | 1.825 | 46.36 | 1.800 | 45.72 | 2.031 | 51.59 | 0.500 | 12.70 | 2000 |
| P61A | 1.950 | 49.53 | 1.780 | 45.21 | 2.120 | 53.85 | 1.000 | 25.40 | 1000 |
| P63A | 2.000 | 50.80 | 1.844 | 46.84 | 2.120 | 53.85 | 1.000 | 25.40 | 1000 |
| P65A | 2.083 | 52.91 | 1.920 | 48.77 | 2.250 | 57.15 | 1.000 | 25.40 | 1000 |
| P68A | 2.261 | 57.43 | 2.231 | 56.67 | 2.500 | 63.50 | 0.500 | 12.70 | 1000 |

Tapered Plugs with Lateral Pull Tabs



Specifications:

- Material: Thermoplastic Rubber
- Color: White

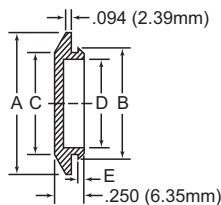
Features:

- The soft and flexible material provides a close fit
- The lateral pull tab makes for easy removal
- TPR is recommended wherever resistance to acid is required

| Item No. | d1 | | d2 | | D | | H | | W | | L | | Bulk Pack Qty |
|----------|------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|---------------|
| | mm | in | mm | in | mm | in | mm | in | mm | in | mm | in | |
| 494297 | 5.0 | 0.197 | 7.0 | 0.276 | 11.0 | 0.433 | 9.5 | 0.374 | 7.0 | 0.276 | 15.0 | 0.591 | 5000 |
| 494298 | 6.0 | 0.236 | 8.0 | 0.315 | 12.0 | 0.472 | 9.5 | 0.374 | 7.0 | 0.276 | 15.0 | 0.591 | 5000 |
| 494299 | 7.0 | 0.276 | 9.5 | 0.374 | 13.5 | 0.531 | 9.5 | 0.374 | 7.0 | 0.276 | 15.0 | 0.591 | 5000 |
| 494300 | 8.0 | 0.315 | 10.0 | 0.394 | 14.0 | 0.551 | 9.5 | 0.374 | 8.0 | 0.315 | 15.0 | 0.591 | 5000 |
| 494301 | 9.5 | 0.374 | 11.5 | 0.453 | 15.5 | 0.610 | 9.5 | 0.374 | 8.0 | 0.315 | 15.0 | 0.591 | 5000 |
| 494302 | 10.5 | 0.413 | 12.5 | 0.492 | 16.5 | 0.650 | 9.5 | 0.374 | 8.0 | 0.315 | 15.0 | 0.591 | 5000 |
| 494303 | 11.5 | 0.453 | 13.5 | 0.531 | 17.5 | 0.689 | 9.5 | 0.374 | 8.0 | 0.315 | 15.0 | 0.591 | 5000 |
| 494304 | 12.5 | 0.492 | 14.5 | 0.571 | 18.5 | 0.728 | 10.0 | 0.394 | 8.0 | 0.315 | 15.0 | 0.591 | 5000 |
| 494305 | 13.5 | 0.531 | 15.5 | 0.610 | 19.5 | 0.768 | 10.0 | 0.394 | 10.0 | 0.394 | 15.0 | 0.591 | 5000 |
| 494306 | 14.2 | 0.559 | 16.2 | 0.638 | 20.2 | 0.795 | 10.0 | 0.394 | 10.0 | 0.394 | 15.0 | 0.591 | 5000 |
| 494307 | 14.5 | 0.571 | 17.0 | 0.669 | 21.0 | 0.827 | 10.0 | 0.394 | 10.0 | 0.394 | 15.0 | 0.591 | 2000 |
| 494308 | 15.5 | 0.61 | 18.0 | 0.709 | 22.0 | 0.866 | 10.0 | 0.394 | 10.0 | 0.394 | 15.0 | 0.591 | 2000 |
| 494309 | 17.5 | 0.689 | 19.5 | 0.768 | 23.5 | 0.925 | 10.0 | 0.394 | 10.0 | 0.394 | 15.0 | 0.591 | 2000 |
| 494310 | 19.0 | 0.748 | 21.5 | 0.846 | 25.5 | 1.004 | 11.0 | 0.433 | 10.0 | 0.394 | 15.0 | 0.591 | 2000 |
| 494311 | 21.0 | 0.827 | 23.5 | 0.925 | 27.5 | 1.083 | 11.0 | 0.433 | 10.0 | 0.394 | 15.0 | 0.591 | 2000 |
| 494312 | 22.5 | 0.886 | 25.5 | 1.004 | 29.5 | 1.161 | 12.0 | 0.472 | 12.0 | 0.472 | 15.0 | 0.591 | 2000 |
| 494313 | 25.0 | 0.984 | 28.0 | 1.102 | 32.0 | 1.260 | 12.0 | 0.472 | 12.0 | 0.472 | 15.0 | 0.591 | 2000 |
| 494314 | 29.0 | 1.142 | 31.5 | 1.240 | 35.5 | 1.398 | 12.0 | 0.472 | 12.0 | 0.472 | 15.0 | 0.591 | 2000 |



S Series
Sheet Metal Plugs



Specifications:

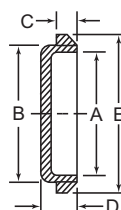
- Material: Low-Density Polyethylene
- Color: Black

Features:

- Economical snap-in plug that provides an attractive finish and a secure fit for entry holes in sheet metal

| Item No. | Ø Hole | | Max Panel Thickness | | A | | B | | C | | D | | E | | Bulk Pack Qty |
|----------|--------|-------|---------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|---------------|
| | in | mm | in | mm | in | mm | in | mm | in | mm | in | mm | in | mm | |
| S1/4A | 0.250 | 0.110 | 2.79 | 0.500 | 12.70 | 0.280 | 7.11 | 0.250 | 6.35 | 0.188 | 4.78 | 0.250 | 6.35 | 5000 | |
| SM3/8A | 0.375 | 0.065 | 1.65 | 0.740 | 18.80 | 0.400 | 10.16 | 0.370 | 9.40 | 0.240 | 6.10 | 0.250 | 6.35 | 5000 | |
| S3/8A | 0.375 | 0.110 | 2.79 | 0.730 | 18.54 | 0.412 | 10.46 | 0.370 | 9.40 | 0.270 | 6.86 | 0.110 | 2.79 | 5000 | |
| S7/16A | 0.438 | 0.110 | 2.79 | 0.688 | 17.48 | 0.471 | 11.96 | 0.438 | 11.13 | 0.375 | 9.53 | 0.250 | 6.35 | 6000 | |
| S1/2A | 0.500 | 0.075 | 1.91 | 0.875 | 22.23 | 0.570 | 14.48 | 0.510 | 12.95 | 0.375 | 9.53 | 0.115 | 2.92 | 6000 | |
| S9/16A | 0.563 | 0.110 | 2.79 | 0.813 | 20.64 | 0.600 | 15.24 | 0.563 | 14.3 | 0.500 | 12.70 | 0.250 | 6.35 | 6000 | |
| S5/8A | 0.625 | 0.075 | 1.91 | 0.813 | 20.65 | 0.670 | 17.02 | 0.620 | 15.75 | 0.540 | 13.72 | 0.100 | 2.54 | 6000 | |
| S11/16A | 0.688 | 0.110 | 2.79 | 1.000 | 25.40 | 0.720 | 18.29 | 0.688 | 17.48 | 0.925 | 23.50 | 0.250 | 6.35 | 5000 | |
| SM3/4A | 0.750 | 0.094 | 2.39 | 1.120 | 28.45 | 0.810 | 20.57 | 0.760 | 19.30 | 0.610 | 15.49 | 0.250 | 6.35 | 5000 | |
| S3/4A | 0.750 | 0.110 | 2.79 | 1.125 | 28.58 | 0.790 | 20.07 | 0.760 | 19.30 | 0.623 | 15.82 | 0.115 | 2.92 | 6500 | |
| S13/16A | 0.813 | 0.110 | 2.79 | 1.125 | 28.58 | 0.845 | 21.46 | 0.813 | 20.65 | 0.750 | 19.05 | 0.250 | 6.35 | 5000 | |
| S7/8A | 0.875 | 0.110 | 2.79 | 1.250 | 31.75 | 0.900 | 22.86 | 0.870 | 22.10 | 0.745 | 18.92 | 0.094 | 2.39 | 5000 | |
| S15/16A | 0.937 | 0.110 | 2.80 | 1.251 | 31.76 | 0.980 | 24.9 | 0.937 | 23.8 | 0.875 | 22.23 | 0.250 | 6.35 | 5000 | |
| S1A | 1.000 | 0.110 | 2.79 | 1.438 | 36.53 | 1.040 | 26.42 | 1.010 | 25.65 | 0.875 | 22.23 | 0.110 | 2.79 | 3500 | |
| S1-3/32A | 1.094 | 0.110 | 2.79 | 1.375 | 34.93 | 1.150 | 29.21 | 1.094 | 27.79 | 1.031 | 26.19 | 0.250 | 6.35 | 4000 | |
| S1-1/8A | 1.125 | 0.110 | 2.79 | 1.500 | 38.10 | 1.180 | 29.97 | 1.125 | 28.58 | 1.063 | 27.00 | 0.250 | 6.35 | 3000 | |
| S1-5/16A | 1.313 | 0.110 | 2.79 | 1.688 | 42.88 | 1.360 | 34.54 | 1.313 | 33.35 | 1.250 | 31.75 | 0.250 | 6.35 | 2500 | |
| S1-1/2A | 1.500 | 0.110 | 2.79 | 1.875 | 47.63 | 1.540 | 39.12 | 1.500 | 38.10 | 1.400 | 35.56 | 0.110 | 2.79 | 2000 | |
| S1-3/4A | 1.750 | 0.110 | 2.79 | 2.130 | 54.10 | 1.835 | 46.61 | 1.730 | 43.94 | 1.610 | 40.89 | 0.105 | 2.67 | 1500 | |
| S2A | 2.000 | 0.110 | 2.79 | 2.375 | 60.33 | 2.060 | 52.32 | 2.000 | 50.80 | 1.938 | 49.23 | 0.250 | 6.35 | 1000 | |
| S2-1/8A | 2.125 | 0.110 | 2.79 | 2.500 | 63.50 | 2.175 | 55.25 | 2.125 | 53.98 | 2.063 | 52.40 | 0.250 | 6.35 | 1000 | |
| S2-1/2A | 2.500 | 0.110 | 2.79 | 3.000 | 76.20 | 2.560 | 65.02 | 2.500 | 63.50 | 2.438 | 61.93 | 0.250 | 6.35 | 700 | |
| S2-5/8A | 2.625 | 0.110 | 2.79 | 3.125 | 79.38 | 2.685 | 68.20 | 2.625 | 66.68 | 2.563 | 65.10 | 0.250 | 6.35 | 1200 | |
| S3A | 3.000 | 0.110 | 2.79 | 3.375 | 85.73 | 3.060 | 77.72 | 3.000 | 76.20 | 2.938 | 74.63 | 0.250 | 6.35 | 1000 | |
| S3-3/8A | 3.375 | 0.110 | 2.79 | 3.750 | 95.25 | 3.435 | 87.25 | 3.375 | 85.73 | 3.313 | 84.15 | 0.250 | 6.35 | 500 | |
| S3-1/2A | 3.500 | 0.110 | 2.79 | 3.875 | 98.43 | 3.560 | 90.42 | 3.500 | 88.90 | 3.438 | 87.33 | 0.250 | 6.35 | 600 | |

SR Series
Recessed Sheet Metal Plugs



Specifications:

- Material: Low-Density Polyethylene
- Color: Black

Features:

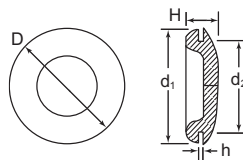
- Economical snap-in plug that provides an attractive finish and a secure fit for entry holes in sheet metal

| Item No. | Ø Hole | | Max Panel Thickness | | A | | B | | C | | D | | E | | Bulk Pack Qty |
|----------|--------|-------|---------------------|-------|-------|-------|-------|-------|------|-------|-------|-------|-------|------|---------------|
| | in | mm | in | mm | in | mm | in | mm | in | mm | in | mm | in | mm | |
| SR1/2A | 0.500 | 0.110 | 2.79 | 0.510 | 12.95 | 0.550 | 13.97 | 0.090 | 2.29 | 0.290 | 7.37 | 0.850 | 21.59 | 3000 | |
| SR3/4A | 0.750 | 0.180 | 4.57 | 0.750 | 19.05 | 0.800 | 20.32 | 0.190 | 4.83 | 0.380 | 9.65 | 1.156 | 29.36 | 4000 | |
| SR7/8A | 0.875 | 0.180 | 4.57 | 0.875 | 22.23 | 0.920 | 23.37 | 0.190 | 4.83 | 0.380 | 9.65 | 1.250 | 31.75 | 3500 | |
| SR1A | 1.000 | 0.150 | 3.81 | 1.000 | 25.40 | 1.043 | 26.49 | 0.096 | 2.44 | 0.319 | 8.10 | 1.377 | 34.98 | 3500 | |
| SR1-1/4A | 1.250 | 0.120 | 3.04 | 1.280 | 32.51 | 1.330 | 33.78 | 0.120 | 3.05 | 0.350 | 8.89 | 1.615 | 41.02 | 2000 | |
| SR1-3/8A | 1.375 | 0.190 | 4.82 | 1.375 | 34.93 | 1.437 | 36.50 | 0.200 | 5.08 | 0.410 | 10.41 | 1.750 | 44.45 | 1800 | |
| SR1-1/2A | 1.500 | 0.125 | 3.17 | 1.515 | 38.48 | 1.555 | 39.50 | 0.120 | 3.05 | 0.350 | 8.89 | 1.875 | 47.63 | 1500 | |
| SR1-5/8A | 1.625 | 0.190 | 4.82 | 1.625 | 41.28 | 1.688 | 42.88 | 0.200 | 5.08 | 0.410 | 10.41 | 2.000 | 50.80 | 1000 | |
| SR1-3/4A | 1.750 | 0.190 | 4.82 | 1.750 | 44.45 | 1.812 | 46.02 | 0.200 | 5.08 | 0.410 | 10.41 | 2.125 | 53.98 | 1000 | |
| SR1-7/8A | 1.875 | 0.190 | 4.82 | 1.875 | 47.63 | 1.937 | 49.20 | 0.200 | 5.08 | 0.410 | 10.41 | 2.250 | 57.15 | 900 | |
| SR2A | 2.000 | 0.190 | 4.82 | 2.000 | 50.80 | 2.060 | 52.32 | 0.170 | 4.32 | 0.390 | 9.91 | 2.500 | 63.50 | 800 | |
| SR3A | 3.000 | 0.190 | 4.82 | 3.000 | 76.20 | 3.065 | 77.85 | 0.200 | 5.08 | 0.410 | 10.41 | 3.500 | 88.90 | 300 | |



SHEET METAL PLUGS

Blanking Plug Series PVC & TPE Hole Plugs



Specifications:

- Material: See Table
- Color: Black

Features:

- PVC Material: Non-staining; resistant to ozone, acids, and sunlight; with excellent aging qualities
- TPE Material: Very resistant to oils, acids and alkalies
- Resistant to temperatures up to 203°F (95°C)

| Item No. | | Ø Hole d2 | | Max Panel Thickness h | | D= OD | | Depth H | | d1 | | Bulk Pack Qty |
|----------|--------|-----------|-------|-----------------------|------|-------|-------|---------|-------|-------|-------|---------------|
| | | in | mm | in | mm | in | mm | in | mm | in | mm | |
| 10860B | 15150B | 0.187 | 4.70 | 0.063 | 1.60 | 0.366 | 9.30 | 0.181 | 4.60 | 0.366 | 9.30 | 10000 |
| 10825B | 15151B | 0.250 | 6.40 | 0.063 | 1.60 | 0.374 | 9.50 | 0.197 | 5.00 | 0.374 | 9.50 | 10000 |
| 10832B | — | 0.313 | 8.00 | 0.031 | 0.80 | 0.571 | 14.50 | 0.157 | 4.00 | 0.417 | 10.60 | 10000 |
| 10233B | — | 0.313 | 8.00 | 0.063 | 1.60 | 0.571 | 14.50 | 0.177 | 4.50 | 0.417 | 10.60 | 10000 |
| 10488B | — | 0.354 | 9.00 | 0.063 | 1.60 | 0.591 | 15.00 | 0.260 | 6.60 | 0.488 | 12.40 | 10000 |
| 10912B | 15155B | 0.438 | 11.10 | 0.063 | 1.60 | 0.697 | 17.70 | 0.244 | 6.20 | 0.504 | 12.80 | 10000 |
| 10768B | — | 0.453 | 11.50 | 0.063 | 1.60 | 0.669 | 17.00 | 0.276 | 7.00 | 0.610 | 15.50 | 5000 |
| 15511B | — | 0.469 | 11.90 | 0.047 | 1.20 | 0.689 | 17.50 | 0.280 | 7.10 | 0.626 | 15.90 | 10000 |
| 10502B | 15157B | 0.500 | 12.70 | 0.063 | 1.60 | 0.736 | 18.70 | 0.220 | 5.60 | 0.610 | 15.50 | 5000 |
| 11321B | 15158B | 0.587 | 14.90 | 0.051 | 1.30 | 0.787 | 20.00 | 0.276 | 7.00 | 0.724 | 18.40 | 10000 |
| 10213B | 15159B | 0.610 | 15.50 | 0.063 | 1.60 | 0.866 | 22.00 | 0.295 | 7.50 | 0.748 | 19.00 | 5000 |
| 40043B | — | 0.625 | 15.90 | 0.063 | 1.60 | 0.748 | 19.00 | 0.280 | 7.10 | 0.748 | 19.00 | 10000 |
| 12914B | — | 0.642 | 16.30 | 0.051 | 1.30 | 0.787 | 20.00 | 0.276 | 7.00 | 0.728 | 18.50 | 5000 |
| 10678B | 15160B | 0.750 | 19.00 | 0.063 | 1.60 | 0.984 | 25.00 | 0.256 | 6.50 | 0.846 | 21.50 | 5000 |
| 10499A | 15161B | 0.781 | 20.00 | 0.063 | 1.60 | 0.984 | 25.00 | 0.256 | 6.50 | 0.846 | 21.50 | 5000 |
| 11152B | 15162B | 0.866 | 22.00 | 0.094 | 2.40 | 1.122 | 28.50 | 0.323 | 8.20 | 1.047 | 26.60 | 3000 |
| 10902B | — | 0.875 | 22.50 | 0.063 | 1.60 | 1.122 | 28.50 | 0.295 | 7.50 | 1.063 | 27.00 | 3000 |
| 11027B | 15164B | 0.968 | 24.50 | 0.094 | 2.40 | 1.181 | 30.00 | 0.343 | 8.70 | 1.083 | 27.50 | 2000 |
| 11323B | — | 0.984 | 25.00 | 0.031 | 0.80 | 1.516 | 38.50 | 0.181 | 4.60 | 1.122 | 28.50 | 3000 |
| 10705B | 15166B | 1.000 | 25.40 | 0.063 | 1.60 | 1.260 | 32.00 | 0.354 | 9.00 | 1.114 | 28.30 | 3000 |
| 11148B | 15165B | 1.000 | 25.40 | 0.094 | 2.40 | 1.260 | 32.00 | 0.354 | 9.00 | 1.114 | 28.30 | 3000 |
| 11239B | — | 1.250 | 31.50 | 0.031 | 0.80 | 1.504 | 38.20 | 0.276 | 7.00 | 1.240 | 31.50 | 2000 |
| 11059B | 15168B | 1.250 | 31.50 | 0.063 | 1.60 | 1.504 | 38.20 | 0.295 | 7.50 | 1.394 | 35.40 | 2000 |
| 11281B | 15170B | 1.260 | 32.00 | 0.122 | 3.10 | 1.504 | 38.20 | 0.354 | 9.00 | 1.394 | 35.40 | 2000 |
| 10877B | 15171B | 1.500 | 38.20 | 0.063 | 1.60 | 1.720 | 43.70 | 0.323 | 8.20 | 1.693 | 43.00 | 1500 |
| 10320B | 15172B | 2.031 | 51.50 | 0.063 | 1.60 | 2.264 | 57.50 | 0.488 | 12.40 | 2.071 | 52.60 | 500 |

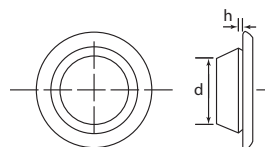
Body Series TPE Hole Plugs

Specifications:

- Material: TPE
- Color: Black

Features:

- Each size covers a range of panel thicknesses
- Designed to fit standard metric holes
- Very resistant to oils, acids and alkalies
- Resistant to temperatures up to 203°F (95°C)



| Item No. | Ø Hole d | | Max Panel Thickness h | | Bulk Pack Qty |
|----------|----------|-------|-----------------------|-----------|---------------|
| | in | mm | in | mm | |
| BP-16230 | 0.394 | 10.00 | 0.032 - 0.078 | 0.8 - 2.0 | 5000 |
| BP-16231 | 0.472 | 12.00 | 0.031 - 0.078 | 0.8 - 2.0 | 5000 |
| BP-16232 | 0.551 | 14.00 | 0.031 - 0.078 | 0.8 - 2.0 | 5000 |
| BP-16233 | 0.630 | 16.00 | 0.031 - 0.078 | 0.8 - 2.0 | 5000 |
| BP-16234 | 0.709 | 18.00 | 0.031 - 0.078 | 0.8 - 2.0 | 2500 |

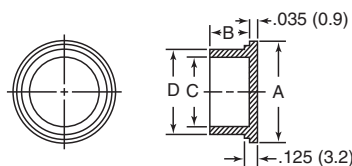
| Item No. | Ø Hole d | | Max Panel Thickness h | | Bulk Pack Qty |
|----------|----------|-------|-----------------------|-----------|---------------|
| | in | mm | in | mm | |
| 16235B | 0.787 | 20.00 | 0.031 - 0.078 | 0.8 - 2.0 | 2500 |
| BP-16236 | 0.866 | 22.00 | 0.031 - 0.078 | 0.8 - 2.0 | 2500 |
| 16237B | 0.984 | 25.00 | 0.031 - 0.078 | 0.8 - 2.0 | 3000 |
| BP-16238 | 1.181 | 30.00 | 0.031 - 0.078 | 0.8 - 2.0 | 2000 |
| 10517B | 1.772 | 45.00 | 0.031 - 0.078 | 0.8 - 2.0 | 1000 |

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FC PLUG Series
Circular Connector Plugs

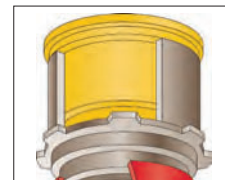


Specifications:

- Material: Low-Density Polyethylene
- Color: Yellow

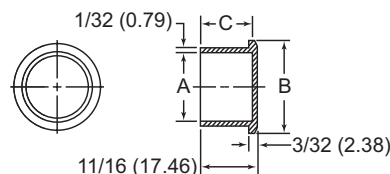
Features:

- Designed for easy assembly and removal either with automated equipment or by hand
- Typically used to protect electrical connectors per Mil Spec 90376
- See page 36 if cap is needed



| Item No. | MS90376 Dash No | To Plug Connector | A | | B | | C | | D | | Bulk Pack Qty |
|----------|-----------------|-------------------|-------|-------|-------|-------|-------|-------|-------|-------|---------------|
| | | | in | mm | in | mm | in | mm | in | mm | |
| FC707A | MS90376-8Y | 1/2 - 18 | 0.670 | 17.02 | 0.625 | 15.88 | 0.413 | 10.49 | 0.483 | 12.27 | 10000 |
| FC709B | MS90376-10Y | 5/8 - 24 | 0.750 | 19.05 | 0.625 | 15.88 | 0.530 | 13.46 | 0.595 | 15.11 | 8000 |
| FC711B | MS90376-12Y | 3/4 - 20 | 0.860 | 21.84 | 0.625 | 15.88 | 0.655 | 16.64 | 0.715 | 18.16 | 5500 |
| FC713B | MS90376-14Y | 7/8 - 20 | 1.031 | 26.19 | 0.625 | 15.88 | 0.785 | 19.94 | 0.845 | 21.46 | 4000 |
| FC715B | MS90376-16Y | 1 - 20 | 1.125 | 28.58 | 0.625 | 15.88 | 0.893 | 22.68 | 0.963 | 24.46 | 3000 |
| FC717C | MS90376-18Y | 1 - 1/8 - 18 | 1.250 | 31.75 | 0.625 | 15.88 | 1.028 | 26.11 | 1.088 | 27.64 | 3000 |
| FC719A | MS90376-20Y | 1 - 1/4 - 18 | 1.406 | 35.71 | 0.625 | 15.88 | 1.150 | 29.21 | 1.215 | 30.86 | 2000 |
| FC721A | MS90376-22Y | 1 - 3/8 - 18 | 1.500 | 38.10 | 0.625 | 15.88 | 1.270 | 32.26 | 1.340 | 34.04 | 1500 |
| FC723A | MS90376-24Y | 1 - 1/2 - 18 | 1.640 | 41.66 | 0.625 | 15.88 | 1.390 | 35.31 | 1.460 | 37.08 | 1400 |
| FC725B | MS90376-25Y | 1 - 5/8 - 18 | 1.810 | 45.97 | 0.625 | 15.88 | 1.540 | 39.12 | 1.580 | 40.13 | 1300 |
| FC727C | MS90376-28Y | 1 - 3/4 - 18 | 1.875 | 47.63 | 0.625 | 15.88 | 1.648 | 41.86 | 1.718 | 43.64 | 1200 |
| FC731B | MS90376-32Y | 2 - 18 | 2.125 | 53.98 | 0.625 | 15.88 | 1.890 | 48.01 | 1.970 | 50.04 | 900 |
| FC735A | MS90376-36Y | 2 - 1/4 - 16 | 2.340 | 59.44 | 0.625 | 15.88 | 2.140 | 54.36 | 2.210 | 56.13 | 800 |

H Series
Flanged Connector Plugs



Specifications:

- Material: Low-Density Polyethylene
- Color: Yellow

Features:

- Designed for easy assembly and removal either with automated equipment or by hand
- Typically used to protect connectors with standard threads



| Item No. | To Plug Standard Thread | A | | B | | C | | Bulk Pack Qty |
|----------|-------------------------|-------|-------|-------|-------|-------|-------|---------------|
| | | in | mm | in | mm | in | mm | |
| H1/2A | 1/2" - 28 | 0.485 | 12.32 | 0.625 | 15.88 | 0.625 | 15.88 | 7000 |
| H5/8A | 5/8" - 24 | 0.601 | 15.27 | 0.750 | 19.05 | 0.625 | 15.88 | 5000 |
| H3/4A | 3/4" - 20 | 0.721 | 18.31 | 0.860 | 21.84 | 0.625 | 15.88 | 4000 |
| H7/8A | 7/8" - 20 | 0.850 | 21.59 | 1.000 | 25.40 | 0.625 | 15.88 | 2500 |
| H1A | 1" - 20 | 0.968 | 24.59 | 1.125 | 28.58 | 0.625 | 15.88 | 2000 |
| H1-1/8A | 1-1/8" - 18 | 1.097 | 27.86 | 1.250 | 31.75 | 0.625 | 15.88 | 1500 |
| H1-1/4A | 1-1/4" - 18 | 1.228 | 31.19 | 1.406 | 35.72 | 0.625 | 15.88 | 1500 |
| H1-3/8A | 1-3/8" - 18 | 1.345 | 34.16 | 1.500 | 38.10 | 0.625 | 15.88 | 2000 |
| H1-1/2A | 1-1/2" - 18 | 1.468 | 37.29 | 1.656 | 42.07 | 0.625 | 15.88 | 2000 |
| H1-3/4A | 1-3/4" - 18 | 1.732 | 43.99 | 1.906 | 48.42 | 0.625 | 15.88 | 1500 |

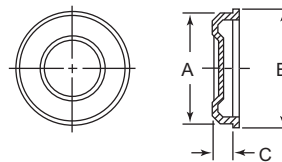
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PUSH-FIT PLUGS

TP/SP/FPL Series Packaging Tube Plugs



Specifications:

- Material: Low-Density Polyethylene
- Color: TP & SP: White, FPL: Black

Features:

- Designed for tube containers used in shipping, packaging and mail delivery
- Fits securely in the tube end
- SP Series has easy finger grip construction for convenient fast removal

| Item No. | Tube ID in | A in | B in | C in | Bulk Pack Qty |
|------------|---------------|---------|---------|---------|---------------|
| TP1-1/2A | 1.500 | 1.520 | 1.620 | 0.450 | 4000 |
| SP1-1/2B | 1.500 | 1.510 | 1.620 | 0.405 | 3500 |
| TP2A | 2.000 | 2.030 | 2.120 | 0.450 | 2300 |
| SP2D | 2.000 | 2.020 | 2.120 | 0.405 | 2100 |
| TP2-1/8A | 2.125 | 2.150 | 2.250 | 0.450 | 2000 |
| TP2-1/4A | 2.250 | 2.280 | 2.370 | 0.450 | 1800 |
| TP2-1/2A | 2.500 | 2.530 | 2.630 | 0.450 | 1400 |
| SP2-1/2C | 2.500 | 2.520 | 2.630 | 0.405 | 1500 |
| TP2-3/4A | 2.750 | 2.780 | 2.880 | 0.450 | 1250 |
| TP3A | 3.000 | 3.030 | 3.160 | 0.450 | 1000 |
| SP3E | 3.000 | 3.020 | 3.160 | 0.405 | 1000 |
| TP3-1/4A | 3.250 | 3.280 | 3.410 | 0.450 | 800 |
| TP3-1/2A | 3.500 | 3.530 | 3.660 | 0.450 | 700 |
| SP3-1/2A | 3.500 | 3.530 | 3.660 | 0.450 | 200 |
| TP3-29/32A | 3.900 | 3.940 | 4.060 | 0.450 | 600 |
| TP4A | 4.000 | 4.060 | 4.170 | 0.450 | 600 |
| SP4A | 4.000 | 4.030 | 4.160 | 0.450 | 500 |
| TP4-3/4A | 4.750 | 4.790 | 4.930 | 0.450 | 350 |
| SP5A | 5.000 | 5.040 | 5.170 | 0.450 | 300 |
| SP6A | 6.000 | 6.040 | 6.170 | 0.450 | 200 |
| FPL6A | 6.000 | 6.040 | 6.610 | 1.280 | 150 |
| SP7A | 7.000 | 7.040 | 7.170 | 0.450 | 200 |
| FPL8A | 8.000 | 8.025 | 8.610 | 1.290 | 100 |
| FPL10A | 10.000 | 10.150 | 10.730 | 1.350 | 50 |
| FPL12A | 12.000 | 12.140 | 12.700 | 1.350 | 30 |

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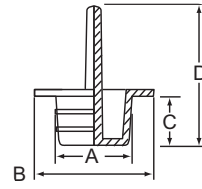


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MPP Series Flexible Pull Plugs



Type 1 – Center Pull

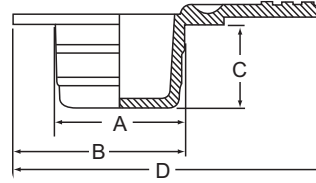


Specifications:

- Material: Thermoplastic Rubber
- Color: Black
- Temperature Range: -40°F to 275°F (-40°C to 135°C)

Features:

- The integral pull tab feature is designed for easy removal
- Protects threaded or non-threaded components
- Acid-resistant

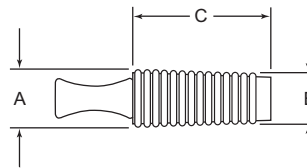


Type 2 – Side Pull



| Item No. | To Fit | | Type | A | | B | | C | | D | | Bulk Pack Qty |
|----------|-----------------|---------------|------|-------|------|-------|------|-------|------|-------|-------|---------------|
| | Standard Thread | Metric Thread | | in | mm | in | mm | in | mm | in | mm | |
| MPP3A | 1/4" | M6 | 2 | 0.216 | 5.5 | 0.610 | 15.5 | 0.315 | 8.0 | 0.913 | 23.20 | 500 |
| MPP4A | 5/16" | M8 | 1 | 0.295 | 7.5 | 0.610 | 15.5 | 0.315 | 8.0 | 0.944 | 24.00 | 500 |
| MPP5A | 5/16" | M8 | 2 | 0.295 | 7.5 | 0.591 | 15.0 | 0.315 | 8.0 | 0.994 | 25.25 | 7000 |
| MPP10A | 3/8" | M10 | 1 | 0.374 | 9.5 | 0.689 | 17.5 | 0.315 | 8.0 | 1.181 | 30.00 | 8000 |
| MPP15A | 3/8" | M10 | 2 | 0.374 | 9.5 | 0.669 | 17.0 | 0.315 | 8.0 | 1.073 | 27.25 | 7000 |
| MPP20A | 1/2" | M12 | 1 | 0.453 | 11.5 | 0.768 | 19.5 | 0.394 | 10.0 | 1.181 | 30.00 | 7000 |
| MPP25A | 1/2" | M12 | 2 | 0.453 | 11.5 | 0.669 | 17.0 | 0.315 | 8.0 | 1.112 | 28.24 | 7000 |
| MPP30A | 9/16" | M14 | 1 | 0.501 | 12.8 | 0.846 | 21.5 | 0.394 | 10.0 | 1.181 | 30.00 | 6000 |
| MPP35A | 9/16" | M14 | 2 | 0.512 | 13.0 | 0.827 | 21.0 | 0.394 | 10.0 | 1.220 | 30.99 | 6000 |
| MPP40A | 5/8" | M16 | 1 | 0.598 | 15.2 | 0.925 | 23.5 | 0.394 | 10.0 | 1.260 | 32.00 | 4000 |
| MPP45A | 5/8" | M16 | 2 | 0.610 | 15.5 | 0.906 | 23.0 | 0.394 | 10.0 | 1.309 | 33.25 | 4000 |
| MPP50A | 11/16" | M18 | 2 | 0.669 | 17.0 | 1.024 | 26.0 | 0.394 | 10.0 | 1.398 | 35.51 | 4000 |
| MPP55A | 3/4" | M18 | 1 | 0.693 | 17.6 | 1.004 | 25.5 | 0.394 | 10.0 | 1.024 | 26.00 | 500 |
| MPP60A | 13/16" | M20 | 1 | 0.764 | 19.4 | 1.083 | 27.5 | 0.472 | 12.0 | 1.024 | 26.00 | 500 |
| MPP65A | 13/16" | M20 | 2 | 0.764 | 19.4 | 1.083 | 27.5 | 0.472 | 12.0 | 1.461 | 37.10 | 500 |
| MPP70A | 7/8" | M22 | 1 | 0.843 | 21.4 | 1.161 | 29.5 | 0.472 | 12.0 | 1.024 | 26.00 | 250 |
| MPP75A | 7/8" | M22 | 2 | 0.843 | 21.4 | 1.161 | 29.5 | 0.472 | 12.0 | 1.551 | 39.40 | 250 |
| MPP80A | 1" | M24 | 1 | 0.925 | 23.5 | 1.122 | 28.5 | 0.472 | 12.0 | 1.024 | 26.00 | 250 |
| MPP85A | 1" | M24 | 2 | 0.925 | 23.5 | 1.122 | 28.5 | 0.472 | 12.0 | 1.606 | 40.80 | 250 |

SFP Series Flangeless Tapered Plugs



Specifications:

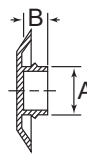
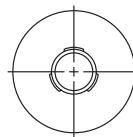
- Material: Thermoplastic Rubber
- Color: Black

Features:

- Protects threaded or unthreaded holes without masking the surrounding areas
- Ergonomically-friendly pull tab allows for easy installation and removal
- For high temperature version see page 76



| Item No. | Plugs Threads | | M | A | | B | | C | | Bulk Pack Qty |
|----------|---------------|-----|-------|------|-------|------|------|------|-------|---------------|
| | UN | M | | in | mm | in | mm | in | mm | |
| 10398B | #6 & #8 | M3 | 0.196 | 5.0 | 0.118 | 3.0 | 0.59 | 15.0 | 10000 | |
| 18409B | #10 & #12 | M4 | 0.236 | 6.0 | 0.157 | 4.0 | 1.00 | 25.4 | 6000 | |
| 18410B | 1/4 & 5/16 | M6 | 0.315 | 8.0 | 0.236 | 6.0 | 1.00 | 25.4 | 6000 | |
| 18411B | 3/8 | M8 | 0.394 | 10.0 | 0.315 | 8.0 | 1.00 | 25.4 | 4000 | |
| 18412B | 7/16 | M10 | 0.472 | 12.0 | 0.394 | 10.0 | 1.00 | 25.4 | 4000 | |
| 18414B | 5/8 | M14 | 0.630 | 16.0 | 0.551 | 14.0 | 1.00 | 25.4 | 4000 | |
| 18415B | 11/16 | M16 | 0.709 | 18.0 | 0.630 | 16.0 | 1.00 | 25.4 | 2000 | |

**PUSH-FIT PLUGS FOR THREADS****I Series****Push In Plugs for SAE/NPT Threads****Specifications:**

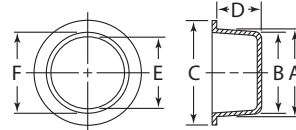
- Material: Low-Density Polyethylene
- Color: Yellow

Features:

- Provides all the advantages of a threaded plug with the ease of a push in style
- Snaps into place providing an attractive finish while keeping contaminants away from the fittings

| Item No. | To Fit | | A | | B | | Bulk Pack Qty |
|----------|------------|------------|-------|-------|-------|------|---------------|
| | SAE Thread | NPT Thread | in | mm | in | mm | |
| I1/4A | 1/4 | — | 0.206 | 5.23 | 0.220 | 5.59 | 5000 |
| I5/16A | 5/16 | — | 0.262 | 6.65 | 0.235 | 5.97 | 5000 |
| I3/8A | 3/8 | 1/8 | 0.324 | 8.23 | 0.235 | 5.97 | 3000 |
| PP3/8A | 3/8 | 1/8 | 0.310 | 7.87 | 0.340 | 8.64 | 5000 |
| I7/16A | 7/16 | — | 0.380 | 9.65 | 0.270 | 6.86 | 3000 |
| I1/2A | 1/2 | 1/4 | 0.437 | 11.10 | 0.270 | 6.86 | 5000 |
| I9/16A | 9/16 | — | 0.495 | 12.57 | 0.290 | 7.37 | 5000 |
| PP9/16A | 9/16 | — | 0.480 | 12.19 | 0.360 | 9.14 | 5000 |
| I5/8A | 5/8 | 3/8 | 0.558 | 14.17 | 0.290 | 7.37 | 7500 |
| I11/16A | 11/16 | — | 0.610 | 15.49 | 0.290 | 7.37 | 7000 |
| I3/4A | 3/4 | — | 0.676 | 17.17 | 0.290 | 7.37 | 6000 |
| I13/16A | 13/16 | 1/2 | 0.732 | 18.59 | 0.290 | 7.37 | 5000 |

| Item No. | To Fit | | A | | B | | Bulk Pack Qty |
|----------|------------|------------|-------|-------|-------|-------|---------------|
| | SAE Thread | NPT Thread | in | mm | in | mm | |
| I7/8A | 7/8 | — | 0.798 | 20.27 | 0.295 | 7.49 | 4500 |
| I1A | 1 | 3/4 | 0.922 | 23.42 | 0.290 | 7.37 | 3500 |
| I1-1/16A | 1 - 1/16 | — | 0.972 | 24.69 | 0.290 | 7.37 | 3000 |
| I1-3/16A | 1 - 3/16 | — | 1.090 | 27.69 | 0.340 | 8.64 | 2000 |
| I1-1/4A | 1 - 1/4 | — | 1.160 | 29.46 | 0.340 | 8.64 | 2000 |
| I1-5/16A | 1 - 5/16 | 1 | 1.215 | 30.86 | 0.340 | 8.64 | 2000 |
| I1-7/16A | 1 - 7/16 | — | 1.360 | 34.54 | 0.460 | 11.68 | 1200 |
| I1-1/2A | 1 - 1/2 | — | 1.405 | 35.69 | 0.460 | 11.68 | 1100 |
| I1-5/8A | 1 - 5/8 | — | 1.525 | 38.74 | 0.460 | 11.68 | 1000 |
| I1-3/4A | 1 - 3/4 | — | 1.650 | 41.91 | 0.460 | 11.68 | 800 |
| I1-7/8A | 1 - 7/8 | — | 1.775 | 45.09 | 0.460 | 11.68 | 800 |

NPT Series**Plugs for NPT Threads****Specifications:**

- Material: Low-Density Polyethylene
- Colors: See Table

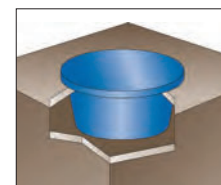
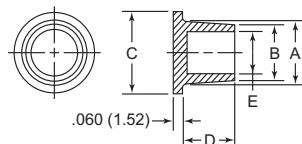
Features:

- Designed specifically to be used to plug NPT tapered threaded fittings
- The tapered design allows the part to plug multiple inner diameters

To Assure Proper Fit:

Plug dimension "A" should be approx. 1% larger than the inner diameter of the part. Minimum of .020"

| Item No. | Color | A | | B | | C | | D | | E | | F | | Bulk Pack Qty |
|-----------|--------|-------|--------|-------|--------|-------|--------|-------|-------|-------|--------|-------|--------|---------------|
| | | in | mm | in | mm | in | mm | in | mm | in | mm | in | mm | |
| NPT3/8A | Yellow | 0.615 | 15.62 | 0.570 | 14.48 | 0.750 | 19.05 | 0.285 | 7.24 | 0.497 | 12.62 | 0.535 | 13.59 | 5000 |
| NPT3/4A | Red | 0.955 | 24.26 | 0.922 | 23.42 | 1.125 | 28.58 | 0.363 | 9.22 | 0.849 | 21.56 | 0.872 | 22.15 | 5500 |
| NPT1-1/4A | Red | 1.560 | 39.62 | 1.510 | 38.35 | 1.750 | 44.45 | 0.435 | 11.05 | 1.401 | 35.59 | 1.481 | 37.62 | 2000 |
| NPT2A | Blue | 2.275 | 57.79 | 2.225 | 56.52 | 2.437 | 61.90 | 0.495 | 12.57 | 2.092 | 53.14 | 2.194 | 55.73 | 2500 |
| NPT2-1/2A | Black | 2.725 | 69.22 | 2.680 | 68.07 | 2.875 | 73.03 | 0.480 | 12.19 | 2.512 | 63.80 | 2.628 | 66.75 | 600 |
| NPT3A | Blue | 3.325 | 84.46 | 3.285 | 83.44 | 3.500 | 88.90 | 0.470 | 11.94 | 3.154 | 80.11 | 3.220 | 81.79 | 400 |
| NPT3-1/2A | Black | 3.785 | 96.14 | 3.775 | 95.89 | 4.062 | 103.17 | 0.750 | 19.05 | 3.665 | 93.09 | 3.675 | 93.35 | 550 |
| NPT4A | Blue | 4.315 | 109.61 | 4.295 | 109.09 | 4.687 | 119.05 | 0.790 | 20.07 | 4.077 | 103.56 | 4.115 | 104.52 | 500 |
| NPT5A | Blue | 5.360 | 136.14 | 5.350 | 135.89 | 5.750 | 146.05 | 0.850 | 21.59 | 5.205 | 132.21 | 5.215 | 132.46 | 275 |
| NPT6A | Blue | 6.425 | 163.20 | 6.390 | 162.31 | 6.750 | 171.45 | 0.895 | 22.73 | 6.252 | 158.80 | 6.272 | 159.31 | 180 |

EN Series**Plugs for NPT Threads****Specifications:**

- Material: Low-Density Polyethylene
- Color: Blue

Features:

- Designed specifically to be used to plug NPT tapered threaded fittings
- The tapered design allows the part to plug multiple inner diameters

To Assure Proper Fit:

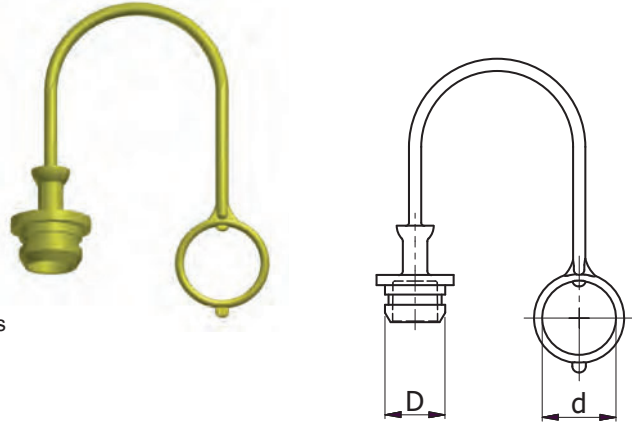
Plug dimension "A" should be approx. 1% larger than the inner diameter of the part. Minimum of .020"

| Item No. | NPT Size I.D. | A | | B | | C | | D | | E | | Bulk Pack Qty |
|----------|---------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---------------|
| | | in | mm | in | mm | in | mm | in | mm | in | mm | |
| EN1/4A | 1/4 | 0.485 | 12.32 | 0.420 | 10.67 | 0.609 | 15.48 | 0.281 | 7.14 | 0.355 | 9.02 | 5000 |
| EN3/8A | 3/8 | 0.640 | 16.26 | 0.550 | 13.97 | 0.766 | 19.45 | 0.500 | 12.70 | 0.500 | 12.70 | 6500 |
| EN1/2A | 1/2 | 0.785 | 19.94 | 0.690 | 17.53 | 0.906 | 23.02 | 0.500 | 12.70 | 0.625 | 15.88 | 4000 |
| EN3/4A | 3/4 | 0.975 | 24.77 | 0.870 | 22.10 | 1.094 | 27.78 | 0.625 | 15.88 | 0.812 | 20.63 | 2500 |
| EN1A | 1 | 1.200 | 30.48 | 1.090 | 27.69 | 1.344 | 34.13 | 0.656 | 16.67 | 1.301 | 26.19 | 1500 |

PUSH-FIT PLUGS FOR THREADS



Hydraulic Quick Release Dust Plugs



Specifications:

- Material: Thermoplastic Elastomer
- Color: See Table

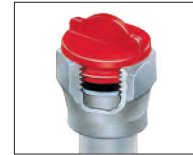
Features:

- Suitable to plug ISO 7241-1 Series A and B Quick Couplings
- Designed to remain attached to the hose
- Excellent protection from dirt, moisture and corrosion
- Temperature Range: -40°F - 275°F (-40°C - 135°C)
- For cap version see page 38

| Item No. | | | | Size | Series | D | | d | | Bulk Pack Qty |
|----------|--------|--------|--------|------|--------|------|-------|------|-------|---------------|
| Red | Yellow | Green | Blue | | | mm | in | mm | in | |
| 499766 | 499776 | 499786 | 499796 | 1/4" | ISO A | 12.7 | 0.500 | 19.6 | 0.772 | 150 |
| 499767 | 499777 | 499787 | 499797 | 3/8" | ISO A | 18.3 | 0.720 | 25.0 | 0.984 | 150 |
| 499768 | 499778 | 499788 | 499798 | 1/2" | ISO A | 23.6 | 0.929 | 31.0 | 1.220 | 150 |
| 499769 | 499779 | 499789 | 499799 | 3/4" | ISO A | 29.2 | 1.150 | 36.0 | 1.417 | 150 |
| 499770 | 499780 | 499790 | 499800 | 1" | ISO A | 36.5 | 1.437 | 48.0 | 1.890 | 150 |
| 499771 | 499781 | 499791 | 499801 | 1/4" | ISO B | 15.5 | 0.610 | 22.2 | 0.874 | 150 |
| 499772 | 499782 | 499792 | 499802 | 3/8" | ISO B | 20.0 | 0.787 | 28.0 | 1.102 | 150 |
| 499773 | 499783 | 499793 | 499803 | 1/2" | ISO B | 25.7 | 1.012 | 35.0 | 1.378 | 150 |
| 499774 | 499784 | 499794 | 499804 | 3/4" | ISO B | 32.7 | 1.287 | 42.0 | 1.654 | 150 |
| 499775 | 499785 | 499795 | 499805 | 1" | ISO B | 40.5 | 1.594 | 51.0 | 2.008 | 150 |

SF Series

Snap Fit Plugs for Standard/JIC/Metric/BSP Threads

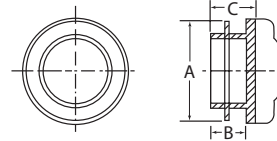


Specifications:

- Material: Low-Density Polyethylene
- Color: Red

Features:

- Once pushed into position, a single turn gives a tight fit
- Each plug covers a range of different thread sizes and styles
- The 12598A* has pull tab, not as illustrated



| Item No. | To Fit Thread Sizes | | | A | | B | | C | | Bulk Pack Qty |
|----------|---------------------|---------------|--------|-------|-------|-------|------|-------|------|---------------|
| | Standard/JIC | Metric | BSP | in | mm | in | mm | in | mm | |
| 10530A | 7/16" | M10 | 1/8" | 0.386 | 9.80 | 0.157 | 4.00 | 0.236 | 6.00 | 12000 |
| 12363A | 1/2" | M12, M13, M14 | 1/4" | 0.516 | 13.10 | 0.197 | 5.00 | 0.276 | 7.00 | 10000 |
| 12364A | 5/8" | M16 | 3/8" | 0.650 | 16.50 | 0.197 | 5.00 | 0.276 | 7.00 | 10000 |
| 10314B | 3/4" | M18 | 1/2" | 0.720 | 18.30 | 0.276 | 7.00 | 0.354 | 9.00 | 7000 |
| 12365A | — | M20 | 1/2" | 0.839 | 21.30 | 0.276 | 7.00 | 0.354 | 9.00 | 5000 |
| 12366A | 7/8" | M22 | 5/8" | 0.882 | 22.40 | 0.276 | 7.00 | 0.354 | 9.00 | 5000 |
| 12621A | — | M24 | — | 0.925 | 23.50 | 0.276 | 7.00 | 0.354 | 9.00 | 3000 |
| 12367A | 1 1/16" | M25, M26 | 3/4" | 1.004 | 25.50 | 0.276 | 7.00 | 0.354 | 9.00 | 2000 |
| 12368A | 1 - 1/8" | M28 | 7/8" | 1.098 | 27.90 | 0.276 | 7.00 | 0.354 | 9.00 | 3000 |
| 12369A | 1 - 5/16" | M32 | 1" | 1.260 | 32.00 | 0.276 | 7.00 | 0.354 | 9.00 | 2500 |
| 12622A | 1 - 1/2", 1 - 3/8" | M36 | 1-1/8" | 1.406 | 35.70 | 0.276 | 7.00 | 0.354 | 9.00 | 2000 |
| 12598A* | 1 - 5/8" | M40, M42 | 1-1/4" | 1.634 | 41.50 | 0.276 | 7.00 | 0.354 | 9.00 | 2000 |



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PUSH-FIT PLUGS FOR THREADS

EZP Series

Quick Fit Easy Pull Plugs for Unified Standard/Metric Threads

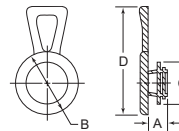


Specifications:

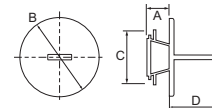
- Material: Low-Density Polyethylene
- Color: Red

Features:

- Patented Quick Fit design easily locks the plug into place with a simple push
- Strong and flexible pull-tab for quick removal
- Seven sizes in two styles protect more than 25 popular threaded sizes



Type 1 - Lateral Pull



Type 2 - Central Pull

| Item No. | To Fit | | Type | A | | B | | C | | D | | Bulk Pack Qty |
|----------|---------------------|---------------|------|-------|-------|-------|-------|-------|-------|-------|-------|---------------|
| | Standard Thread | Metric Thread | | in | mm | in | mm | in | mm | in | mm | |
| EZP1010A | 5/16", 3/8" | M8 | 1 | 0.300 | 7.62 | 0.515 | 13.08 | 0.375 | 9.53 | 1.195 | 30.35 | 10000 |
| EZP1020C | 7/16" | M10, M12 | 1 | 0.300 | 7.62 | 0.748 | 19.05 | 0.520 | 13.20 | 1.340 | 34.04 | 5000 |
| EZP2020A | 7/16" | M10, M12 | 2 | 0.354 | 9.00 | 0.748 | 19.00 | 0.519 | 13.20 | 0.834 | 21.20 | 500 |
| EZP1030A | 1/2", 5/8", 9/16" | M14, M16 | 1 | 0.275 | 7.00 | 0.893 | 22.70 | 0.649 | 16.50 | 1.574 | 40.00 | 5000 |
| EZP2030A | 1/2", 5/8", 9/16" | M14, M16 | 2 | 0.275 | 7.00 | 0.893 | 22.70 | 0.649 | 16.50 | 0.834 | 21.20 | 500 |
| EZP1040A | 3/4" | M18, M20 | 1 | 0.314 | 8.00 | 1.181 | 30.00 | 0.767 | 19.50 | 1.850 | 47.00 | 4000 |
| EZP2040A | 3/4" | M18, M20 | 2 | 0.314 | 8.00 | 1.181 | 30.00 | 0.767 | 19.50 | 0.842 | 21.40 | 250 |
| EZP1050A | 7/8" | M22, M24 | 1 | 0.374 | 9.50 | 1.350 | 34.30 | 0.937 | 23.80 | 2.023 | 51.40 | 3000 |
| EZP2050A | 7/8" | M22, M24 | 2 | 0.374 | 9.50 | 1.350 | 34.30 | 0.937 | 23.80 | 0.842 | 21.40 | 250 |
| EZP1060A | 1 - 1/16", 1 - 1/8" | M26, M28 | 1 | 0.374 | 9.50 | 1.574 | 40.00 | 1.086 | 27.60 | 2.244 | 57.00 | 2000 |
| EZP2060A | 1 - 1/16", 1 - 1/8" | M26, M28 | 2 | 0.374 | 9.50 | 1.574 | 40.00 | 1.086 | 27.60 | 0.846 | 21.50 | 100 |
| EZP1070A | 1 - 1/4", 1 - 3/8" | M30, M36 | 1 | 0.393 | 10.00 | 1.771 | 45.00 | 1.358 | 34.50 | 2.440 | 62.00 | 1500 |

QFP Series

Quick Fit Plugs for UNF/JIC/Metric Threads

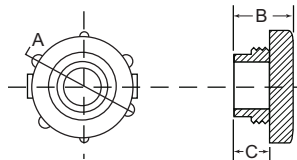


Specifications:

- Material: Low-Density Polyethylene
- Color: Red

Features:

- Fewer thread forms allow for quick application



UNF/JIC

| Item No. | To Fit UNF/JIC Thread Size | A | | B | | C | | Bulk Pack Qty |
|----------|----------------------------|-------|-------|-------|------|-------|------|---------------|
| | | in | mm | in | mm | in | mm | |
| QFP005A | 7/16" x 20 | 0.728 | 18.50 | 0.354 | 9.00 | 0.232 | 5.90 | 5000 |
| QFP010A | 1/2" x 20 | 0.811 | 20.60 | 0.358 | 9.10 | 0.232 | 5.90 | 5000 |
| QFP015A | 9/16" x 18 | 0.843 | 21.40 | 0.354 | 9.00 | 0.232 | 5.90 | 5000 |
| QFP020A | 3/4" x 16 | 1.051 | 26.70 | 0.366 | 9.30 | 0.232 | 5.90 | 3000 |
| QFP025A | 7/8" x 14 | 1.173 | 29.80 | 0.362 | 9.20 | 0.244 | 6.20 | 2500 |
| QFP030A | 1 - 1/16" x 12 | 1.335 | 33.90 | 0.354 | 9.00 | 0.232 | 5.90 | 2000 |
| QFP035A | 1 - 5/16" x 12 | 1.587 | 40.30 | 0.37 | 9.40 | 0.236 | 6.00 | 1500 |

Metric

| Item No. | To Fit Metric Thread Size | A | | B | | C | | Bulk Pack Qty |
|----------|---------------------------|-------|-------|-------|-------|-------|-------|---------------|
| | | in | mm | in | mm | in | mm | |
| QFP105A | M14 x 1.5 | 0.846 | 21.50 | 0.492 | 12.50 | 0.315 | 8.00 | 5000 |
| QFP110A | M16 x 1.5 | 0.929 | 23.60 | 0.492 | 12.50 | 0.315 | 8.00 | 3000 |
| QFP115A | M20 x 1.5 | 1.157 | 29.38 | 0.512 | 13.00 | 0.315 | 8.00 | 3000 |
| QFP120A | M30 x 2.0 | 1.556 | 34.52 | 0.575 | 14.60 | 0.386 | 9.80 | 1500 |
| QFP125A | M36 x 2.0 | 1.795 | 45.60 | 0.649 | 16.48 | 0.413 | 10.50 | 1000 |
| QFP130A | M42 x 2.0 | 2.133 | 54.17 | 0.854 | 21.69 | 0.61 | 15.50 | 700 |
| QFP135A | M45 x 2.0 | 2.232 | 56.69 | 0.728 | 18.50 | 0.500 | 12.70 | 700 |
| QFP140A | M52 x 2.0 | 2.594 | 65.90 | 0.839 | 21.30 | 0.606 | 15.40 | 500 |

UN Series

Quick Fit Plugs for Standard/JIC/Metric/BSP Threads

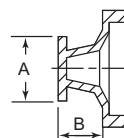


Specifications:

- Material: Low-Density Polyethylene
- Color: Red

Features:

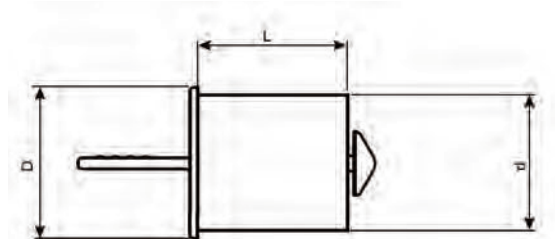
- This uniquely-designed range of plugs have sets of blades which will lock tight when pushed into a threaded hole and twisted
- Each plug covers a range of different thread sizes and styles
- Easily removes by simply unscrewing the plug from the thread



| Item No. | To Fit Thread Sizes | | | | A | | B | | Bulk Pack Qty |
|----------|---------------------|--------------|----------|-------------|-------|-------|-------|-------|---------------|
| | NPT | Standard/JIC | Metric | BSP | in | mm | in | mm | |
| UN9995A | — | — | — | — | 0.420 | 10.66 | 0.233 | 5.91 | 10000 |
| UN9996A | 1/8" | 7/16" | M10 | 1/8" | 0.438 | 11.12 | 0.240 | 6.09 | 10000 |
| UN9997A | 1/4" | 9/16" | M14 | — | 0.575 | 14.60 | 0.285 | 7.23 | 10000 |
| UN9998A | — | 1/2" | M12 | 1/4" | 0.485 | 12.31 | 0.325 | 8.25 | 10000 |
| UN9763A | — | 3/4" | M16 - 20 | 3/8" | 0.780 | 19.81 | 0.375 | 9.52 | 5000 |
| UN9764A | — | 1" | M20 - 24 | 1/2" - 5/8" | 0.990 | 25.14 | 0.445 | 11.30 | 2500 |
| UN9774A | 3/4" | 1 - 3/16" | M30 | 3/4" - 7/8" | 1.240 | 31.49 | 0.435 | 11.04 | 2000 |
| UN9765A | — | 1-7/16" | M33 - 36 | 1" | 1.475 | 37.46 | 0.445 | 11.30 | 1000 |



Fluid Absorption Plugs



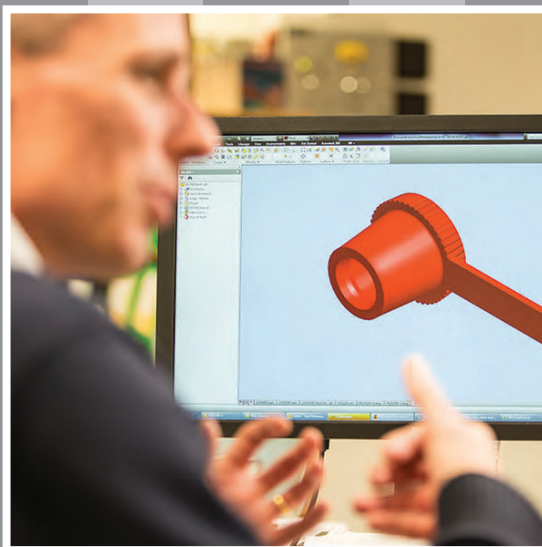
Specifications:

- Material: Polypropylene, Bi-Component Fiber
- Color: Yellow

Features:

- Control excess fluid residue from leaking
- Unique design allows quick, easy installation and removal to save time and cost
- Safer, easier and cleaner than a conventional plug; eliminates residue in the thread/hole

| Item No. | To Fit Thread Sizes | | | D mm | d mm | l mm | Absorption** ml | Bulk Pack Qty |
|----------|---------------------|-----------|--------------|---------|---------|---------|--------------------|---------------|
| | Metric | BSP | UNF | | | | | |
| 1342611 | M10 x 1.5 | 1/8" x 28 | 3/8" x 24 | 10.7 | 8.5 | 15 | 0.54 | 1000 |
| 1342613 | M12 x 1.5 | — | — | 12.5 | 10.5 | 15 | 0.86 | 1000 |
| 1342615 | — | 1/4" x 19 | — | 13.6 | 11.5 | 15 | 1.05 | 1000 |
| 1349120 | M14 x 1.5 | — | 9/16" x 18 | 14.5 | 12.5 | 20 | 1.36 | 1000 |
| 1342618 | M14 x 1.5 | — | 9/16" x 18 | 14.5 | 12.5 | 25 | 1.70 | 1000 |
| 1342619 | M16 x 1.5 | — | 5/8" x 18 | 16.5 | 14.5 | 15 | 1.48 | 1000 |
| 1342622 | M18 x 1.5 | — | — | 19.0 | 17.0 | 25 | 3.57 | 1000 |
| 1342624 | — | 3/8" x 19 | — | 17.2 | 15.0 | 25 | 2.75 | 1000 |
| 1349119 | — | - | — | 20.0 | 18.0 | 20 | 3.25 | 1000 |
| 1342625 | M20 x 1.5 | 1/2" x 14 | — | 20.8 | 18.5 | 25 | 4.32 | 1000 |
| 1342626 | M22 x 1.5 | 5/8" x 14 | — | 22.8 | 21.0 | 25 | 5.60 | 1000 |
| 1342627 | — | 3/4" x 14 | 1-1/16" x 12 | 26.5 | 24.6 | 25 | 8.04 | 1000 |
| 1342628 | — | 1" x 11 | — | 32.5 | 30.5 | 35 | 17.68 | 1000 |



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CAPS, PLUGS & NETTING
THREADED PLUGS

BL Series
UNF Standard Threaded Plugs (O-Ring optional)

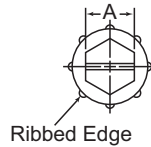


Specifications:

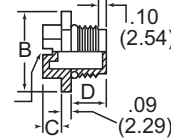
- Material: Polypropylene
- Color: Yellow

Features:

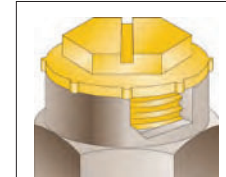
- Can be applied or removed by hand, hex wrench or screwdriver
- Optional O-Ring gives this part a water tight seal for superior leakage protection



Ribbed Edge



Screwdriver Slot
.06 x .09 (1.52 x 2.29)



See pages 64 and 65 for Application Wizards

| Item No. | Item No. w/ O-Ring | To Plug Standard Thread Size | A | | B | | C | | D | | Bulk Pack Qty |
|----------|--------------------|------------------------------|-------|-------|-------|-------|-------|------|-------|-------|---------------|
| | | | in | mm | in | mm | in | mm | in | mm | |
| BL3A | BL3L | 7/16" - 20 | 0.430 | 10.92 | 0.620 | 15.75 | 0.180 | 4.57 | 0.390 | 9.91 | 5000 |
| *BL4A | *BL4B | 1/2" - 13 | 0.500 | 12.70 | 0.687 | 17.46 | 0.281 | 7.14 | 0.410 | 10.41 | 3000 |
| BL5A | BL5K | 9/16" - 18 | 0.500 | 12.70 | 0.750 | 19.05 | 0.180 | 4.57 | 0.420 | 10.67 | 3000 |
| BL7A | BL7J | 3/4" - 16 | 0.680 | 17.27 | 0.940 | 23.88 | 0.190 | 4.83 | 0.520 | 13.21 | 1500 |
| BL8A | BL8H | 7/8" - 14 | 0.750 | 19.05 | 1.060 | 26.92 | 0.240 | 6.10 | 0.560 | 14.22 | 2100 |
| BL10A | BL10I | 1-1/16" - 12 | 0.870 | 22.10 | 1.310 | 33.27 | 0.250 | 6.35 | 0.660 | 16.76 | 600 |
| BL11A | BL11D | 1-3/16" - 12 | 1.000 | 25.40 | 1.500 | 38.10 | 0.300 | 7.62 | 0.700 | 17.78 | 425 |
| BL12A | BL12H | 1-5/16" - 12 | 1.070 | 27.18 | 1.610 | 40.89 | 0.290 | 7.37 | 0.700 | 17.78 | 700 |
| BL13A | BL13D | 1-5/8" - 12 | 1.125 | 28.58 | 1.880 | 42.75 | 0.300 | 7.62 | 0.770 | 19.56 | 500 |
| BL14A | BL14C | 1-7/8" - 12 | 1.500 | 38.10 | 2.125 | 53.98 | 0.300 | 7.62 | 0.750 | 19.05 | 700 |

*BL4A and BL4B are black and UNC Threaded

BL Nylon Series
UNF Standard Threaded Nylon Plugs (O-Ring optional)

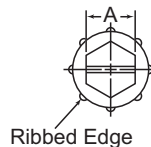


Specifications:

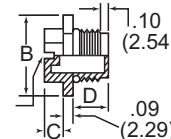
- Material: Nylon
- Color: Natural

Features:

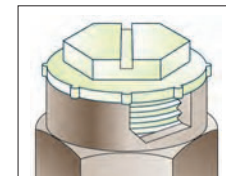
- Can be applied or removed by hand, hex wrench or screwdriver
- Optional O-Ring gives this part a water tight seal for superior leakage protection
- Recommended when strength and abrasion resistance are desired
- The nylon material absorbs paint, keeping paint flakes to a minimum
- Nylon is able to withstand higher temperatures than Polypropylene
- Temperature Range: -40°F - 230°F (-40°C - 110°C)



Ribbed Edge



Screwdriver Slot
.06 x .09 (1.52 x 2.29)



| Item No. | Item No. w/ O-Ring | To Plug Standard Thread Size | A | | B | | C | | D | | Bulk Pack Qty |
|----------|--------------------|------------------------------|-------|-------|-------|-------|-------|------|-------|-------|---------------|
| | | | in | mm | in | mm | in | mm | in | mm | |
| BL3D | BL3I | 7/16" - 20 | 0.430 | 10.92 | 0.620 | 15.75 | 0.180 | 4.57 | 0.390 | 9.91 | 10000 |
| BL5C | BL5N | 9/16" - 18 | 0.500 | 12.70 | 0.750 | 19.05 | 0.180 | 4.57 | 0.420 | 10.67 | 6000 |
| BL7C | BL7G | 3/4" - 16 | 0.680 | 17.27 | 0.940 | 23.88 | 0.190 | 4.83 | 0.520 | 13.21 | 3000 |
| BL8B | BL8P | 7/8" - 14 | 0.750 | 19.05 | 1.060 | 26.92 | 0.240 | 6.10 | 0.560 | 14.22 | 2100 |
| BL10C | BL10M | 1-1/16" - 12 | 0.870 | 22.10 | 1.310 | 33.27 | 0.250 | 6.35 | 0.660 | 16.76 | 1200 |
| BL11E | BL11C | 1-3/16" - 12 | 1.000 | 25.40 | 1.500 | 38.10 | 0.300 | 7.62 | 0.700 | 17.78 | 425 |
| BL12B | BL12M | 1-5/16" - 12 | 1.070 | 27.18 | 1.610 | 40.89 | 0.290 | 7.37 | 0.700 | 17.78 | 700 |
| BL13G | BL13C | 1-5/8" - 12 | 1.125 | 28.58 | 1.880 | 42.75 | 0.300 | 7.62 | 0.770 | 19.56 | 1000 |



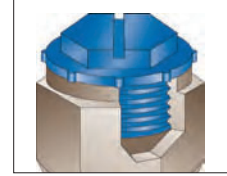
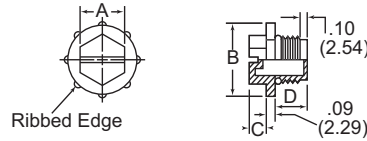
HOSE
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**B Series**  
**UNF Standard Threaded Plugs**



**Specifications:**

- Material: High-Density Polyethylene
- Color: Blue

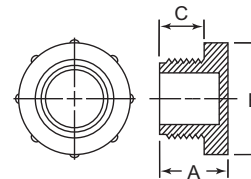
**Features:**

- Threaded plug with a serrated grip (used for a variety of applications)
- Can be applied or removed by hand, hex wrench or screwdriver

| Item No. | To Plug Standard Thread Size | A     |       | B     |       | C     |      | D     |       | Bulk Pack Qty |
|----------|------------------------------|-------|-------|-------|-------|-------|------|-------|-------|---------------|
|          |                              | in    | mm    | in    | mm    | in    | mm   | in    | mm    |               |
| B3A      | 7/16" - 20                   | 0.430 | 10.92 | 0.620 | 15.75 | 0.180 | 4.57 | 0.300 | 7.62  | 11000         |
| B4A      | 1/2" - 20                    | 0.500 | 12.70 | 0.680 | 12.27 | 0.180 | 4.57 | 0.360 | 9.14  | 7500          |
| B5A      | 9/16" - 18                   | 0.500 | 12.70 | 0.750 | 19.05 | 0.180 | 4.57 | 0.382 | 9.70  | 6000          |
| B6A      | 5/8" - 18                    | 0.560 | 14.22 | 0.810 | 20.57 | 0.180 | 4.57 | 0.350 | 8.89  | 5000          |
| B7A      | 3/4" - 16                    | 0.680 | 17.27 | 0.940 | 23.88 | 0.190 | 4.83 | 0.440 | 11.18 | 3500          |

| Item No. | To Plug Standard Thread Size | A     |       | B     |       | C     |      | D     |       | Bulk Pack Qty |
|----------|------------------------------|-------|-------|-------|-------|-------|------|-------|-------|---------------|
|          |                              | in    | mm    | in    | mm    | in    | mm   | in    | mm    |               |
| B8A      | 7/8" - 14                    | 0.750 | 19.05 | 1.060 | 26.92 | 0.240 | 6.10 | 0.500 | 12.70 | 2100          |
| B9A      | 1" - 14                      | 0.750 | 19.05 | 1.180 | 29.97 | 0.250 | 6.35 | 0.430 | 10.92 | 2000          |
| B10A     | 1-1/8" - 14                  | 0.870 | 22.10 | 1.310 | 33.27 | 0.250 | 6.35 | 0.645 | 16.38 | 1200          |
| B11A     | 1-1/16" - 12                 | 0.870 | 22.10 | 1.310 | 33.27 | 0.250 | 6.35 | 0.620 | 15.75 | 1300          |

**TPUNF Series**  
**UNF/JIC Knurled Head Threaded Plugs**



**Specifications:**

- Material: Low-Density Polyethylene
- Color: Red

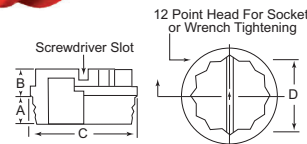
**Features:**

- Knurled head for easy hand installation or removal
- Secure fit for excellent protection against dirt, moisture and corrosion

| Item No. | To Plug UNF/JIC Thread Size | A     |       | B     |       | C     |       | Bulk Pack Qty |
|----------|-----------------------------|-------|-------|-------|-------|-------|-------|---------------|
|          |                             | in    | mm    | in    | mm    | in    | mm    |               |
| 10498A   | 5/16" - 18                  | 0.472 | 12.00 | 0.571 | 14.50 | 0.291 | 7.40  | 5000          |
| 10709A   | 5/16" - 24                  | 0.484 | 12.30 | 0.583 | 14.80 | 0.291 | 7.40  | 5000          |
| 10692A   | 3/8 - 24                    | 0.551 | 14.00 | 0.539 | 13.70 | 0.374 | 9.50  | 5000          |
| 10763A   | 7/16" - 20                  | 0.634 | 16.10 | 0.685 | 17.40 | 0.433 | 11.00 | 5000          |
| 12031A   | 7/16" - 24                  | 0.476 | 12.10 | 0.701 | 17.80 | 0.28  | 7.10  | 5000          |
| 10696A   | 1/2" - 20                   | 0.602 | 15.30 | 0.728 | 18.50 | 0.413 | 10.50 | 5000          |
| 10668A   | 9/16" - 18                  | 0.606 | 15.40 | 0.890 | 22.60 | 0.421 | 10.70 | 5000          |
| 12033A   | 9/16" - 24                  | 0.535 | 13.60 | 0.744 | 18.90 | 0.354 | 9.00  | 5000          |
| 10940A   | 5/8" - 18                   | 0.583 | 14.80 | 0.827 | 21.00 | 0.394 | 10.00 | 5000          |
| 12965A   | 5/8" - 24                   | 0.583 | 14.80 | 0.815 | 20.70 | 0.394 | 10.00 | 5000          |
| 12786A   | 11/16" - 16                 | 0.713 | 18.10 | 1.008 | 25.60 | 0.531 | 13.50 | 3000          |

| Item No. | To Plug UNF/JIC Thread Size | A     |       | B     |       | C     |       | Bulk Pack Qty |
|----------|-----------------------------|-------|-------|-------|-------|-------|-------|---------------|
|          |                             | in    | mm    | in    | mm    | in    | mm    |               |
| 10575A   | 3/4" - 16                   | 0.736 | 18.70 | 1.063 | 27.00 | 0.543 | 13.80 | 3000          |
| 12827A   | 13/16" - 16                 | 0.713 | 18.10 | 1.051 | 26.70 | 0.531 | 13.50 | 2500          |
| 10326A   | 7/8" - 14                   | 0.728 | 18.50 | 1.134 | 28.80 | 0.535 | 13.60 | 2500          |
| 12785A   | 1" - 14                     | 0.701 | 17.80 | 1.26  | 32.00 | 0.52  | 13.20 | 2000          |
| 10460A   | 1-1/16" - 12                | 0.724 | 18.40 | 1.315 | 33.40 | 0.543 | 13.80 | 2000          |
| 12359A   | 1-1/16" - 14                | 0.720 | 18.30 | 1.311 | 33.30 | 0.539 | 13.70 | 2000          |
| 11506A   | 1-3/16" - 12                | 0.72  | 18.30 | 1.449 | 36.80 | 0.531 | 13.50 | 1500          |
| 10671A   | 1-5/16" - 12                | 0.642 | 16.30 | 1.547 | 39.30 | 0.433 | 11.00 | 1500          |
| 11752A   | 1-5/8" - 12                 | 0.681 | 17.30 | 1.992 | 50.60 | 0.508 | 12.90 | 800           |
| 11755A   | 1-7/8" - 12                 | 0.886 | 22.50 | 2.299 | 58.40 | 0.657 | 16.70 | 400           |
| 12040A   | 2-1/2" - 12                 | 0.811 | 20.60 | 2.898 | 73.60 | 0.591 | 15.00 | 300           |

**BLM Series**  
**UNF Standard Threaded Molded O-Ring Plugs**



**Specifications:**

- Material: High-Density Polyethylene
- Color: Red

**Features:**

- Often used on flat-faced hydraulic fittings
- Integral O-Ring type bead prevents oil leakage or entrance of contaminants
- The flange lip compresses against the surface to keep contaminants out
- Can be applied or removed by hand, wrench, socket or screwdriver

| Item No. | To Plug Standard Thread Size | A     |       | B     |       | C     |       | D     |      | Bulk Pack Qty |
|----------|------------------------------|-------|-------|-------|-------|-------|-------|-------|------|---------------|
|          |                              | in    | mm    | in    | mm    | in    | mm    | in    | mm   |               |
| BLM3B    | 7/16" - 20                   | 0.344 | 8.74  | 0.281 | 7.14  | 0.660 | 16.76 | 3/8   | 8000 |               |
| BLM3-24B | 7/16" - 24                   | 0.344 | 8.74  | 0.281 | 7.14  | 0.660 | 16.76 | 3/8   | 8000 |               |
| BLM4B    | 1/2" - 20                    | 0.344 | 8.74  | 0.313 | 7.95  | 0.730 | 18.54 | 7/16  | 6000 |               |
| BLM5B    | 9/16" - 18                   | 0.350 | 8.89  | 0.323 | 8.20  | 0.800 | 20.32 | 1/2   | 6000 |               |
| BLM6B    | 5/8" - 18                    | 0.375 | 9.53  | 0.313 | 7.95  | 0.820 | 20.83 | 9/16  | 5000 |               |
| BLM7B    | 3/4" - 16                    | 0.406 | 10.31 | 0.406 | 10.31 | 1.020 | 25.91 | 11/16 | 3000 |               |
| BLM8B    | 7/8" - 14                    | 0.469 | 11.91 | 0.313 | 7.95  | 1.160 | 29.46 | 13/16 | 2000 |               |

| Item No. | To Plug Standard Thread Size | A     |       | B     |      | C     |       | D     |      | Bulk Pack Qty |
|----------|------------------------------|-------|-------|-------|------|-------|-------|-------|------|---------------|
|          |                              | in    | mm    | in    | mm   | in    | mm    | in    | mm   |               |
| BLM9B    | 1" - 14                      | 0.500 | 12.70 | 0.313 | 7.95 | 1.250 | 31.75 | 7/8   | 1500 |               |
| BLM10B   | 1-1/16"-12                   | 0.594 | 15.09 | 0.313 | 7.95 | 1.450 | 36.83 | 1     | 1000 |               |
| BLM11B   | 1-3/16"-12                   | 0.594 | 15.09 | 0.344 | 8.74 | 1.500 | 38.10 | 1-1/8 | 1000 |               |
| BLM12B   | 1-5/16"-12                   | 0.594 | 15.09 | 0.344 | 8.74 | 1.740 | 44.20 | 1-1/4 | 1000 |               |
| BLM13B   | 1-5/8"-12                    | 0.594 | 15.09 | 0.344 | 8.74 | 2.156 | 54.76 | 1-1/2 | 700  |               |
| BLM14B   | 1-7/8"-12                    | 0.594 | 15.09 | 0.344 | 8.74 | 2.188 | 55.58 | 1-5/8 | 700  |               |



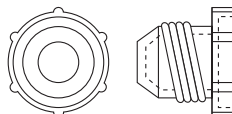
CAPS, PLUGS & NETTING  
**THREADED PLUGS**

**TE Series**  
Threaded Plugs for 37° JIC Flared Fittings



Specifications:

- Material: Low-Density Polyethylene
- Color: Red



Features:

- Designed with a knurled head for easy finger installation
- Used to seal light pressure requirements on 37° JIC flared fittings
- Functionally Equivalent to Spec: NAS-833, NAS-815 (MIL-C5501/1, MIL-C52078)

| Item No. | Tubing Size<br>in | To Plug JIC<br>Thread Size | JIC<br>Fitting<br>Size | Bulk<br>Pack<br>Qty |
|----------|-------------------|----------------------------|------------------------|---------------------|
| TE1000A  | 1/8               | 5/16" - 24                 | 2                      | 5000                |
| TE1005A  | 3/16              | 3/8" - 24                  | 3                      | 5000                |
| TE1010A  | 1/4               | 7/16" - 20                 | 4                      | 5000                |
| TE1015A  | 5/16              | 1/2" - 20                  | 5                      | 5000                |
| TE1020A  | 3/8               | 9/16" - 18                 | 6                      | 5000                |
| TE1025A  | 3/8               | 5/8" - 18                  | —                      | 5000                |
| TE1030A  | 1/2               | 3/4" - 16                  | 8                      | 2500                |
| TE1035A  | 5/8               | 7/8" - 14                  | 10                     | 2500                |
| TE1040A  | 3/4               | 1 - 1/16" - 12             | 12                     | 2500                |

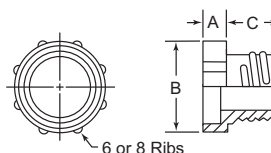
| Item No. | Tubing Size<br>in | To Plug JIC<br>Thread Size | JIC<br>Fitting<br>Size | Bulk<br>Pack<br>Qty |
|----------|-------------------|----------------------------|------------------------|---------------------|
| TE1045A  | 3/4               | 1 - 1/16" - 14             | —                      | 1000                |
| TE1050A  | 7/8               | 1 - 3/16" - 12             | 14                     | 2500                |
| TE1055A  | 1                 | 1 - 5/16" - 12             | 16                     | 1000                |
| TE1060A  | —                 | 1 - 1/2 - 12               | —                      | 1000                |
| TE1065A  | 1 - 1/4           | 1 - 5/8 - 12               | 20                     | 1000                |
| TE1070A  | —                 | 1 - 3/4 - 12               | —                      | 1000                |
| TE1075A  | 1 - 1/2           | 1 - 7/8 - 12               | 24                     | 500                 |
| TE1080A  | 1 - 3/4           | 2 - 1/4 - 12               | 28                     | 500                 |
| TE1085A  | 2                 | 2 - 1/2 - 12               | 32                     | 500                 |

**TF Series**  
Threaded Plugs for Flat Faced O-Ring Hydraulic Fittings



Specifications:

- Material: Polyethylene
- Color: Red



Features:

- Head designed with six or eight ribs for simple hand or mechanical installation
- Used to protect flat-faced O-Ring hydraulic fittings

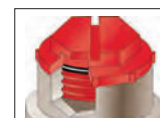
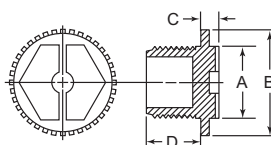
| Item No. | Tubing Size<br>in | To Plug<br>Thread Size | A     |      | B     |       | C     |      | Bulk Pack Qty |
|----------|-------------------|------------------------|-------|------|-------|-------|-------|------|---------------|
|          |                   |                        | in    | mm   | in    | mm    | in    | mm   |               |
| TF10A    | 1/4               | 9/16" - 18             | 0.250 | 6.40 | 0.690 | 17.50 | 0.380 | 9.50 | 5000          |
| TF20B    | 3/8               | 11/16" - 16            | 0.250 | 6.40 | 0.870 | 22.10 | 0.410 | 10.4 | 5000          |
| TF30B    | 1/2               | 13/16" - 16            | 0.250 | 6.40 | 0.940 | 23.90 | 0.470 | 11.9 | 5000          |
| TF40B    | 5/8               | 1" - 14                | 0.250 | 6.40 | 1.160 | 29.50 | 0.570 | 14.5 | 2500          |
| TF50B    | 3/4               | 1 - 3/16" - 12         | 0.250 | 6.40 | 1.320 | 33.50 | 0.610 | 15.5 | 2500          |
| TF60B    | 1                 | 1 - 7/16" - 12         | 0.250 | 6.40 | 1.630 | 41.40 | 0.690 | 17.5 | 1000          |
| TF80B    | 1-1/4             | 1 - 11/16" - 12        | 0.250 | 6.40 | 1.880 | 47.75 | 0.890 | 22.6 | 1000          |

**FP Series**  
NS & NF Class 1-2-3 Threaded Plugs (O-Ring Optional)



Specifications:

- Material: Polypropylene
- Color: Red



Features:

- Can be applied or removed by hand, hex wrench or screwdriver
- Will fit NS and NF Class 1-2-3 standard threads
- Optional O-Ring gives this part a watertight seal for superior leakage protection

| Item No. | Item No.<br>w/ O-Ring | To Plug Standard<br>Thread Size | A     |       | B     |       | C     |      | D     |       | Bulk Pack Qty |
|----------|-----------------------|---------------------------------|-------|-------|-------|-------|-------|------|-------|-------|---------------|
|          |                       |                                 | in    | mm    | in    | mm    | in    | mm   | in    | mm    |               |
| FP104A   | FP104B                | 7/16" - 20                      | 0.438 | 11.11 | 0.625 | 15.88 | 0.188 | 4.76 | 0.300 | 7.62  | 9500          |
| FP108A   | FP108B                | 9/16" - 18                      | 0.500 | 12.70 | 0.781 | 19.84 | 0.188 | 4.76 | 0.350 | 8.89  | 5000          |
| FP110A   | FP110B                | 5/8" - 18                       | 0.563 | 14.29 | 0.813 | 20.64 | 0.188 | 4.76 | 0.350 | 8.89  | 4500          |
| FP115A   | FP115B                | 3/4" - 16                       | 0.688 | 17.46 | 0.938 | 23.81 | 0.188 | 4.76 | 0.440 | 11.18 | 2700          |
| FP120A   | FP120B                | 7/8" - 14                       | 0.750 | 19.05 | 1.063 | 26.99 | 0.250 | 6.35 | 0.500 | 12.70 | 1800          |
| FP122A   | FP122B                | 1" - 14                         | 0.750 | 19.05 | 1.188 | 30.16 | 0.250 | 6.35 | 0.470 | 11.94 | 1500          |



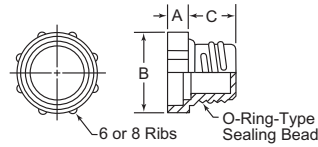
**TMO Series**  
**Threaded Plugs for SAE O-Ring Ports**

Specifications:

- Material: High-Density Polyethylene
- Color: Red

Features:

- Designed with an easy to grip head for ease of hand installation
- Threads meet UN and UNS specifications
- Integral O-Ring type bead prevents leakage and entrance of contaminants
- Protects threaded components from dust, moisture and damage during production, storage and shipment



| Item No. | To Plug Standard Thread Size | A     |       | B     |       | C     |      | Bulk Pack Qty |
|----------|------------------------------|-------|-------|-------|-------|-------|------|---------------|
|          |                              | in    | mm    | in    | mm    | in    | mm   |               |
| TMO104A  | 7/16"-20                     | 0.320 | 8.13  | 0.650 | 16.51 | 0.380 | 9.65 | 5500          |
| TMO105A  | 1/2"-20                      | 0.320 | 8.13  | 0.720 | 18.29 | 0.380 | 9.65 | 7500          |
| TMO106A  | 9/16"-18                     | 0.360 | 9.14  | 0.780 | 19.81 | 0.380 | 9.65 | 6000          |
| TMO108A  | 3/4"-16                      | 0.400 | 10.16 | 0.980 | 24.89 | 0.380 | 9.65 | 3500          |

| Item No. | To Plug Standard Thread Size | A     |       | B     |       | C     |      | Bulk Pack Qty |
|----------|------------------------------|-------|-------|-------|-------|-------|------|---------------|
|          |                              | in    | mm    | in    | mm    | in    | mm   |               |
| TMO110A  | 7/8"-14                      | 0.450 | 11.43 | 1.110 | 28.19 | 0.380 | 9.65 | 2100          |
| TMO112A  | 1-1/16"-12                   | 0.620 | 15.75 | 1.310 | 33.27 | 0.380 | 9.65 | 1200          |
| TMO116A  | 1-5/16"-12                   | 0.620 | 15.75 | 1.560 | 39.62 | 0.380 | 9.65 | 700           |
| TMO120A  | 1-5/8"-12                    | 0.620 | 15.75 | 1.880 | 47.75 | 0.380 | 9.65 | 700           |

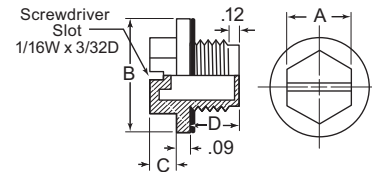
**BLWF Series**  
**UNF Standard Threaded Wide Flange Plugs**

Specifications:

- Material: Plug – Nylon, Gasket – Nitrile
- Color: Plug – Yellow, Gasket – Black

Features:

- The wide flange design keeps any paint flakes away from the hole when removed
- The nylon material absorbs paint keeping paint flakes to a minimum
- The nitrile gasket seals the plug to the mating surface for a watertight seal
- Can be applied or removed by hand, screwdriver or with a torque wrench
- Temperature Range: -40°F - 230°F (-40°C - 110°C)



| Item No. | To Plug UNF Thread Size | A     |       | B     |       | C     |      | D     |       | Bulk Pack Qty |
|----------|-------------------------|-------|-------|-------|-------|-------|------|-------|-------|---------------|
|          |                         | in    | mm    | in    | mm    | in    | mm   | in    | mm    |               |
| BLWF100A | 7/16" - 20              | 0.500 | 12.70 | 0.775 | 19.69 | 0.180 | 4.57 | 0.390 | 9.91  | 5000          |
| BLWF105A | 1/2" - 20               | 0.500 | 12.70 | 0.853 | 21.67 | 0.180 | 4.57 | 0.405 | 10.29 | 5000          |
| BLWF110A | 9/16" - 18              | 0.500 | 12.70 | 0.917 | 23.29 | 0.180 | 4.57 | 0.420 | 10.67 | 2500          |
| BLWF115A | 3/4" - 16               | 0.750 | 19.05 | 1.130 | 28.70 | 0.190 | 4.83 | 0.520 | 13.21 | 2500          |
| BLWF120A | 7/8" - 14               | 0.750 | 19.05 | 1.284 | 32.61 | 0.240 | 6.10 | 0.560 | 14.22 | 2500          |
| BLWF125A | 1 - 1/16" - 12          | 1.000 | 25.40 | 1.577 | 40.06 | 0.250 | 6.35 | 0.660 | 16.76 | 1000          |
| BLWF130A | 1 - 3/16" - 12          | 1.000 | 25.40 | 1.722 | 43.74 | 0.300 | 7.62 | 0.700 | 17.78 | 1000          |
| BLWF135A | 1 - 5/16" - 12          | 1.000 | 25.40 | 1.867 | 47.42 | 0.290 | 7.37 | 0.700 | 17.78 | 1000          |
| BLWF140A | 1 - 5/8" - 12           | 1.125 | 28.57 | 2.217 | 56.31 | 0.300 | 7.62 | 0.770 | 19.56 | 500           |
| BLWF145A | 1 - 7/8" - 12           | 1.500 | 38.10 | 2.507 | 63.68 | 0.300 | 7.62 | 0.750 | 19.05 | 500           |

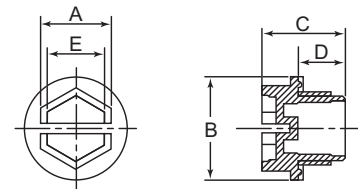
**TSSP Series**  
**Sealing Threaded Plugs For UNF Threads**

Specifications:

- Material: Nylon
- Color: Yellow

Features:

- The double sealing ring design on the underside of the flange provides a positive seal
- Design includes five complete threads for a secure fit
- Can be manually applied or removed with a screwdriver, spanner, socket or allen key or with power tools
- Head designed not to trap liquid
- The nylon material absorbs paint, keeping paint flakes to a minimum
- Temperature Range: -40°F - 320°F (-40°C - 160°C)
- See page 60 for Metric and BSP Threads



See pages 64 and 65 for Application Wizards

| Item No.       | To Plug UNF Thread Size | A     |      | B     |      | C     |      | D     |      | E     |      | Bulk Pack Qty |
|----------------|-------------------------|-------|------|-------|------|-------|------|-------|------|-------|------|---------------|
|                |                         | in    | mm   | in    | mm   | in    | mm   | in    | mm   | in    | mm   |               |
| TSSP3/8-24A    | 3/8" - 24               | 0.354 | 9.0  | 0.630 | 16.0 | 0.689 | 17.5 | 0.394 | 10.0 | 0.236 | 6.0  | 5000          |
| TSSP7/16-20A   | 7/16" - 20              | 0.394 | 10.0 | 0.669 | 17.0 | 0.689 | 17.5 | 0.394 | 10.0 | 0.276 | 7.0  | 5000          |
| TSSP1/2-20A    | 1/2" - 20               | 0.512 | 13.0 | 0.748 | 19.0 | 0.689 | 17.5 | 0.394 | 10.0 | 0.394 | 10.0 | 3000          |
| TSSP9/16-18A   | 9/16" - 18              | 0.512 | 13.0 | 0.807 | 20.5 | 0.689 | 17.5 | 0.394 | 10.0 | 0.394 | 10.0 | 3000          |
| TSSP5/8-18A    | 5/8" - 18               | 0.591 | 15.0 | 0.866 | 22.0 | 0.689 | 17.5 | 0.394 | 10.0 | 0.472 | 12.0 | 3000          |
| TSSP3/4-16A    | 3/4" - 16               | 0.748 | 19.0 | 1.024 | 26.0 | 0.689 | 17.5 | 0.394 | 10.0 | 0.630 | 16.0 | 3000          |
| TSSP7/8-14A    | 7/8" - 14               | 0.827 | 21.0 | 1.124 | 28.5 | 0.768 | 19.5 | 0.472 | 12.0 | 0.709 | 18.0 | 3000          |
| TSSP1-14A      | 1" - 14                 | 0.945 | 24.0 | 1.240 | 31.5 | 0.768 | 19.5 | 0.472 | 12.0 | 0.827 | 21.0 | 1000          |
| TSSP1-1/16-12A | 1 - 1/16" - 12          | 0.945 | 24.0 | 1.299 | 33.0 | 0.768 | 19.5 | 0.472 | 12.0 | 0.827 | 21.0 | 1000          |
| TSSP1-3/16-12A | 1 - 3/16" - 12          | 1.181 | 30.0 | 1.437 | 36.5 | 0.886 | 22.5 | 0.591 | 15.0 | 1.063 | 27.0 | 1000          |
| TSSP1-5/16-12A | 1 - 5/16" - 12          | 1.181 | 30.0 | 1.575 | 40.0 | 0.886 | 22.5 | 0.591 | 15.0 | 1.063 | 27.0 | 1000          |
| TSSP1-5/8-12A  | 1 - 5/8" - 12           | 1.417 | 36.0 | 1.870 | 47.5 | 0.886 | 22.5 | 0.591 | 15.0 | 1.299 | 33.0 | 500           |
| TSSP1-7/8-12A  | 1 - 7/8" - 12           | 1.417 | 36.0 | 2.126 | 54.0 | 0.886 | 22.5 | 0.591 | 15.0 | 1.299 | 33.0 | 500           |



**R Series**  
**NPT Threaded Square-Headed Plugs**

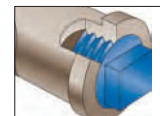
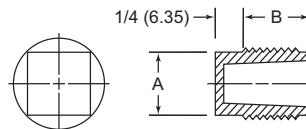


**Specifications:**

- Material: High-Density Polyethylene or Glass-Filled Nylon - See Table
- Color: See Table

**Features:**

- Square head design allows the user to install or remove these by hand or with a wrench
- Used to protect NPT threads against contaminants and moisture
- Nylon is recommended when strength and abrasion resistance are desired
- The nylon material absorbs paint, keeping paint flakes to a minimum
- Nylon is able to withstand higher temperatures than HDPE
- Temperature Range: -40°F - 320°F (-40°C - 160°C)



| Item No.  |             | To Plug NPT Thread Size | A     |       | B     |       | Bulk Pack Qty |
|-----------|-------------|-------------------------|-------|-------|-------|-------|---------------|
| Blue HDPE | Natural GFN |                         | in    | mm    | in    | mm    |               |
| R1/8A     | R1/8C       | 1/8" - 27               | 9/32  | 7.14  | 0.375 | 9.53  | 8500          |
| R1/4A     | R1/4C       | 1/4" - 18               | 11/32 | 8.73  | 0.437 | 11.11 | 9000          |
| R3/8A     | R3/8B       | 3/8" - 18               | 7/16  | 11.11 | 0.500 | 12.70 | 5000          |
| R1/2A     | R1/2D       | 1/2" - 14               | 9/16  | 14.28 | 0.562 | 14.29 | 3000          |
| R3/4A     | R3/4B       | 3/4" - 14               | 11/16 | 17.46 | 0.625 | 15.88 | 1900          |

| Item No.  |             | To Plug NPT Thread Size | A       |       | B     |       | Bulk Pack Qty |
|-----------|-------------|-------------------------|---------|-------|-------|-------|---------------|
| Blue HDPE | Natural GFN |                         | in      | mm    | in    | mm    |               |
| R1A       | R1B         | 1"-11 - 1/2             | 3/4     | 19.05 | 0.625 | 15.88 | 1000          |
| R1-1/4A   | R1-1/4C     | 1-1/4" - 11 - 1/2       | 15/16   | 23.81 | 0.625 | 15.88 | 500           |
| R1-1/2A   | R1-1/2C     | 1-1/2" - 11 - 1/2       | 1 - 1/8 | 28.57 | 0.625 | 15.88 | 500           |
| R2A       | R2C         | 2"-11 - 1/2             | 1 - 1/4 | 31.75 | 0.625 | 15.88 | 500           |

**FPF Series**  
**NPT Threaded Plugs (O-Ring Optional)**

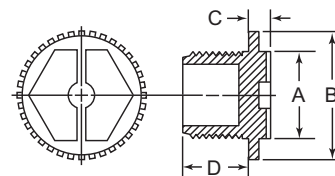


**Specifications:**

- Material: High-Density Polyethylene
- Color: Black

**Features:**

- Unique head design allows the user to apply or remove this plug by hand or with a 12 point socket head, screwdriver or wrench
- Used to protect NPT threaded ports
- Optional O-Ring gives this part a watertight seal for superior leakage protection



| Item No. | Item No. w/ O-Ring | To Plug NPT Thread Size | A     |       | B     |       | C     |      | D     |       | Bulk Pack Qty |
|----------|--------------------|-------------------------|-------|-------|-------|-------|-------|------|-------|-------|---------------|
|          |                    |                         | in    | mm    | in    | mm    | in    | mm   | in    | mm    |               |
| FPF1/8A  | FPF1/8B            | 1/8"                    | 0.348 | 8.84  | 0.560 | 14.22 | 0.250 | 6.35 | 0.250 | 6.35  | 5000          |
| FPF1/4A  | FPF1/4B            | 1/4"                    | 0.489 | 12.42 | 0.740 | 18.80 | 0.310 | 7.87 | 0.310 | 7.87  | 5000          |
| FPF3/8A  | FPF3/8B            | 3/8"                    | 0.562 | 14.27 | 0.850 | 21.59 | 0.320 | 8.13 | 0.350 | 8.89  | 5000          |
| FPF1/2A  | FPF1/2B            | 1/2"                    | 0.705 | 17.91 | 1.040 | 26.42 | 0.320 | 8.13 | 0.500 | 12.70 | 3000          |
| FPF3/4A  | FPF3/4B            | 3/4"                    | 0.987 | 25.07 | 1.310 | 33.27 | 0.320 | 8.13 | 0.630 | 16.00 | 1500          |
| FPF1A    | FPF1B              | 1"                      | 1.130 | 28.70 | 1.530 | 38.86 | 0.320 | 8.13 | 0.630 | 16.00 | 1000          |

**FPF Nylon Series**  
**NPT Threaded Nylon Plugs (O-Ring Optional)**

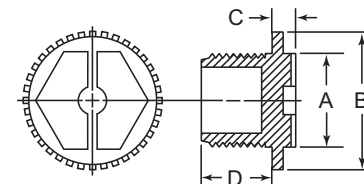


**Specifications:**

- Material: Nylon
- Color: Natural

**Features:**

- Unique head design allows the user to apply or remove this plug by hand or with a 12 point socket head, screwdriver or wrench
- Used to protect NPT threaded ports
- Optional O-Ring gives this part a watertight seal for superior leakage protection
- Recommended when strength and abrasion resistance are desired
- The nylon material absorbs paint, keeping paint flakes to a minimum
- Nylon is able to withstand higher temperatures than HDPE
- Temperature Range: -40°F - 230°F (-40°C - 110°C)



| Item No. | Item No. w/ O-Ring | To Plug NPT Thread Size | A     |       | B     |       | C     |      | D     |       | Bulk Pack Qty |
|----------|--------------------|-------------------------|-------|-------|-------|-------|-------|------|-------|-------|---------------|
|          |                    |                         | in    | mm    | in    | mm    | in    | mm   | in    | mm    |               |
| FPF1/8C  | FPF1/8D            | 1/8" NPT                | 0.348 | 8.84  | 0.560 | 14.22 | 0.250 | 6.35 | 0.250 | 6.35  | 5000          |
| FPF1/4C  | FPF1/4D            | 1/4" NPT                | 0.489 | 12.42 | 0.740 | 18.80 | 0.310 | 7.87 | 0.310 | 7.87  | 5000          |
| FPF3/8C  | FPF3/8D            | 3/8" NPT                | 0.562 | 14.27 | 0.850 | 21.59 | 0.320 | 8.13 | 0.350 | 8.89  | 5000          |
| FPF1/2C  | FPF1/2D            | 1/2" NPT                | 0.705 | 17.91 | 1.040 | 26.42 | 0.320 | 8.13 | 0.500 | 12.70 | 3000          |
| FPF3/4C  | FPF3/4D            | 3/4" NPT                | 0.987 | 25.07 | 1.310 | 33.27 | 0.320 | 8.13 | 0.630 | 16.00 | 1500          |
| FPF1C    | FPF1D              | 1" NPT                  | 1.130 | 28.70 | 1.530 | 38.86 | 0.320 | 8.13 | 0.630 | 16.00 | 1000          |



**TP Metric & TPBSP Series  
 Metric & BSP Threaded Plugs**

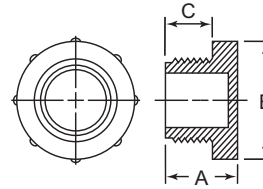


**Specifications:**

- Material: Low-Density Polyethylene
- Color: Red

**Features:**

- Series accommodates an extensive range of metric and BSP/Gas threaded sizes
- Knurled head for easy grip
- Secure fit for excellent protection against dirt, moisture and corrosion



**Metric Threads**

| Item No. | To Plug Metric Thread Size | A     |       | B     |       | C     |       | Bulk Pack Qty |
|----------|----------------------------|-------|-------|-------|-------|-------|-------|---------------|
|          |                            | in    | mm    | in    | mm    | in    | mm    |               |
| 12011A   | M8 x 1                     | 0.562 | 14.27 | 0.484 | 12.29 | 0.374 | 9.50  | 5000          |
| 12012A   | M10 x 1                    | 0.574 | 14.58 | 0.602 | 15.29 | 0.409 | 10.39 | 5000          |
| 12013A   | M12 x 1                    | 0.657 | 16.69 | 0.728 | 18.49 | 0.421 | 10.69 | 5000          |
| 12017A   | M12 x 1.5                  | 0.641 | 16.28 | 0.657 | 16.69 | 0.342 | 8.69  | 5000          |
| 12018A   | M14 x 1.5                  | 0.677 | 17.20 | 0.728 | 18.49 | 0.374 | 9.50  | 5000          |
| 12019A   | M16 x 1.5                  | 0.677 | 17.20 | 0.866 | 22.00 | 0.492 | 12.50 | 3000          |
| 10458A   | M18 x 1.5                  | 0.720 | 18.29 | 0.960 | 24.38 | 0.539 | 13.69 | 4000          |
| 12020A   | M20 x 1.5                  | 0.716 | 18.19 | 1.035 | 26.29 | 0.551 | 14.00 | 3000          |
| 10128A   | M22 x 1.5                  | 0.720 | 18.29 | 1.110 | 28.19 | 0.539 | 13.69 | 3000          |
| 12021A   | M24 x 1.5                  | 0.728 | 18.49 | 1.232 | 31.29 | 0.543 | 13.79 | 2000          |
| 12022A   | M25 x 1.5                  | 0.728 | 18.49 | 1.232 | 31.30 | 0.551 | 14.00 | 2500          |
| 12023A   | M26 x 1.5                  | 0.736 | 18.69 | 1.287 | 32.69 | 0.543 | 13.79 | 2000          |
| 12030A   | M52 x 1.5                  | 0.846 | 21.50 | 2.508 | 63.70 | 0.610 | 15.50 | 500           |

**BSP/Gas Threads**

| Item No. | To Plug BSP/GAS Thread Size | A     |       | B     |        | C     |       | Bulk Pack Qty |
|----------|-----------------------------|-------|-------|-------|--------|-------|-------|---------------|
|          |                             | in    | mm    | in    | mm     | in    | mm    |               |
| 10651A   | 1/8" x 28                   | 0.413 | 10.50 | 0.646 | 16.40  | 0.165 | 4.20  | 5000          |
| 10588A   | 1/4" x 19                   | 0.504 | 12.80 | 0.740 | 18.80  | 0.256 | 6.50  | 5000          |
| 10996A   | 3/8" x 19                   | 0.472 | 12.00 | 0.902 | 22.90  | 0.217 | 5.50  | 5000          |
| 10590A   | 1/2" x 14                   | 0.681 | 17.30 | 1.102 | 28.00  | 0.406 | 10.30 | 3000          |
| 10511A   | 5/8" x 14                   | 0.724 | 18.40 | 1.232 | 31.30  | 0.547 | 13.90 | 2500          |
| 10731A   | 3/4" x 14                   | 0.669 | 17.00 | 1.272 | 32.30  | 0.433 | 11.00 | 2000          |
| 11429B   | 7/8" x 14                   | 0.713 | 18.10 | 1.496 | 38.00  | 0.531 | 13.50 | 1500          |
| 10810A   | 1" x 11                     | 0.665 | 16.90 | 1.567 | 39.80  | 0.425 | 10.80 | 1500          |
| 10459A   | 1-1/4" x 11                 | 0.823 | 20.90 | 1.965 | 49.90  | 0.591 | 15.00 | 800           |
| 11242A   | 1-1/2" x 11                 | 0.665 | 16.90 | 2.173 | 55.20  | 0.425 | 10.80 | 600           |
| 10496A   | 2" x 11                     | 0.689 | 17.50 | 2.902 | 73.70  | 0.421 | 10.70 | 400           |
| 10319A   | 3" x 11                     | 0.650 | 16.50 | 4.134 | 105.00 | 0.445 | 11.30 | 150           |

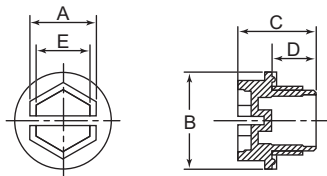
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**TSSP Series**  
Sealing Threaded Plugs For Metric/BSP Threads



**Specifications:**

- Material: Nylon
- Color: Yellow

**Features:**

- The double sealing ring design on the underside of the flange provides a positive seal
- Design includes five complete threads for a secure fit
- Can be manually applied or removed with a screwdriver, spanner, socket or allen key or with power tools
- Head designed not to trap liquid
- The nylon material absorbs paint, keeping paint flakes to a minimum
- Temperature Range: -40°F - 320°F (-40°C - 160°C)
- See page 57 for UNF Threads



See pages 64 and 65 for Application Wizards

**Metric Threads**

| Item No.     | To Plug Metric Thread Size | A     |      | B     |      | C     |      | D     |      | E     |      | Bulk Pack Qty |
|--------------|----------------------------|-------|------|-------|------|-------|------|-------|------|-------|------|---------------|
|              |                            | in    | mm   | in    | mm   | in    | mm   | in    | mm   | in    | mm   |               |
| 462836A      | M8 x 1                     | 0.276 | 7.0  | 0.492 | 12.5 | 0.610 | 15.5 | 0.315 | 8.0  | 0.157 | 4.0  | 5000          |
| 462837A      | M10 x 1                    | 0.354 | 9.0  | 0.571 | 14.5 | 0.650 | 16.5 | 0.354 | 9.0  | 0.236 | 6.0  | 5000          |
| TSSPM10X1.5A | M10 x 1.5                  | 0.354 | 9.0  | 0.571 | 14.5 | 0.650 | 16.5 | 0.354 | 9.0  | 0.236 | 6.0  | 500           |
| TSSPM12X1A   | M12 x 1                    | 0.394 | 10.0 | 0.669 | 17.0 | 0.650 | 16.5 | 0.354 | 9.0  | 0.276 | 7.0  | 500           |
| 462838A      | M12 x 1.5                  | 0.394 | 10.0 | 0.669 | 17.0 | 0.650 | 16.5 | 0.354 | 9.0  | 0.276 | 7.0  | 5000          |
| 462839A      | M14 x 1.5                  | 0.512 | 13.0 | 0.748 | 19.0 | 0.689 | 17.5 | 0.394 | 10.0 | 0.394 | 10.0 | 5000          |
| 462840A      | M16 x 1.5                  | 0.591 | 15.0 | 0.878 | 22.3 | 0.689 | 17.5 | 0.366 | 9.3  | 0.472 | 12.0 | 5000          |
| 462841A      | M18 x 1.5                  | 0.669 | 17.0 | 0.945 | 24.0 | 0.689 | 17.5 | 0.394 | 10.0 | 0.551 | 14.0 | 3000          |
| 462842A      | M20 x 1.5                  | 0.748 | 19.0 | 1.024 | 26.0 | 0.689 | 17.5 | 0.394 | 10.0 | 0.630 | 16.0 | 3000          |
| 462843A      | M22 x 1.5                  | 0.827 | 21.0 | 1.102 | 28.0 | 0.689 | 17.5 | 0.394 | 10.0 | 0.709 | 18.0 | 3000          |
| TSSPM24X1.5A | M24 x 1.5                  | 0.945 | 24.0 | 1.181 | 30.0 | 0.689 | 17.5 | 0.394 | 10.0 | 0.827 | 21.0 | 500           |
| TSSPM26X1.5A | M26 x 1.5                  | 0.945 | 24.0 | 1.260 | 32.0 | 0.807 | 20.5 | 0.472 | 12.0 | 0.827 | 21.0 | 500           |
| 466977A      | M27 x 1.5                  | 0.945 | 24.0 | 1.299 | 33.0 | 0.807 | 20.5 | 0.472 | 12.0 | 0.827 | 21.0 | 500           |
| 466985A      | M27 x 2                    | 0.945 | 24.0 | 1.299 | 33.0 | 0.866 | 22   | 0.531 | 13.5 | 0.827 | 21.0 | 250           |
| TSSPM28X1.5A | M28 x 1.5                  | 0.945 | 24.0 | 1.339 | 34.0 | 0.807 | 20.5 | 0.472 | 12.0 | 0.827 | 21.0 | 500           |
| TSSPM30X1.5A | M30 x 1.5                  | 0.945 | 24.0 | 1.496 | 38.0 | 0.807 | 20.5 | 0.472 | 12.0 | 0.827 | 21.0 | 500           |
| TSSPM30X2A   | M30 x 2                    | 0.945 | 24.0 | 1.496 | 38.0 | 0.866 | 22   | 0.531 | 13.5 | 0.827 | 21.0 | 250           |
| TSSPM32X1.5A | M32 x 1.5                  | 0.945 | 24.0 | 1.575 | 40.0 | 0.807 | 20.5 | 0.472 | 12.0 | 0.827 | 21.0 | 500           |
| TSSPM33X2A   | M33 x 2                    | 0.945 | 24.0 | 1.575 | 40.0 | 0.866 | 22   | 0.531 | 13.5 | 0.827 | 21.0 | 250           |
| TSSPM36X1.5A | M36 x 1.5                  | 0.945 | 24.0 | 1.772 | 45.0 | 0.807 | 20.5 | 0.472 | 12.0 | 0.827 | 21.0 | 500           |
| TSSPM36X2A   | M36 x 2                    | 0.945 | 24.0 | 1.772 | 45.0 | 0.866 | 22   | 0.531 | 13.5 | 0.827 | 21.0 | 250           |
| TSSPM38X1.5A | M38 x 1.5                  | 0.945 | 24.0 | 1.890 | 48.0 | 0.807 | 20.5 | 0.472 | 12.0 | 0.827 | 21.0 | 250           |
| TSSPM42X2A   | M42 x 2                    | 1.181 | 30.0 | 1.969 | 50.0 | 0.866 | 22   | 0.531 | 13.5 | 1.063 | 27.0 | 250           |
| TSSPM45X1.5A | M45 x 1.5                  | 1.181 | 30.0 | 2.047 | 52.0 | 0.846 | 21.5 | 0.472 | 12.0 | 1.063 | 27.0 | 250           |
| TSSPM45X2A   | M45 x 2                    | 1.181 | 30.0 | 1.969 | 50.0 | 0.866 | 22   | 0.531 | 13.5 | 1.063 | 27.0 | 250           |
| TSSPM48X2A   | M48 x 2                    | 1.181 | 30.0 | 2.165 | 55.0 | 0.906 | 23   | 0.531 | 13.5 | 1.063 | 27.0 | 100           |
| TSSPM52X1.5A | M52 x 1.5                  | 1.181 | 30.0 | 2.362 | 60.0 | 0.866 | 22   | 0.472 | 12.0 | 1.063 | 27.0 | 250           |
| TSSPM52X2A   | M52 x 2                    | 1.181 | 30.0 | 2.362 | 60.0 | 0.906 | 23   | 0.531 | 13.5 | 1.063 | 27.0 | 100           |

**BSP/Gas Threads**

| Item No. | To Plug BSP/GAS Thread Size | A     |       | B     |       | C     |       | D     |       | E     |       | Bulk Pack Qty |
|----------|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---------------|
|          |                             | in    | mm    | in    | mm    | in    | mm    | in    | mm    | in    | mm    |               |
| 462882A  | 1/8" x 28                   | 0.472 | 12.00 | 0.630 | 16.00 | 0.610 | 15.50 | 0.315 | 8.00  | 0.354 | 9.00  | 5000          |
| 462848A  | 1/4" x 19                   | 0.512 | 13.00 | 0.748 | 19.00 | 0.689 | 17.50 | 0.394 | 10.00 | 0.394 | 10.00 | 5000          |
| 462849A  | 3/8" x 19                   | 0.591 | 15.00 | 0.866 | 22.00 | 0.689 | 17.50 | 0.394 | 10.00 | 0.472 | 12.00 | 5000          |
| 462850A  | 1/2" x 14                   | 0.748 | 19.00 | 1.063 | 27.00 | 0.768 | 19.50 | 0.472 | 12.00 | 0.630 | 16.00 | 3000          |
| 462851A  | 3/4" x 14                   | 0.945 | 24.00 | 1.260 | 32.00 | 0.768 | 19.50 | 0.472 | 12.00 | 0.827 | 21.00 | 2000          |
| 462852A  | 1" x 11                     | 1.181 | 30.00 | 1.575 | 40.00 | 0.886 | 22.50 | 0.591 | 15.00 | 1.063 | 27.00 | 1000          |
| 462853A  | 1-1/4" x 11                 | 1.417 | 36.00 | 1.969 | 50.00 | 0.886 | 22.50 | 0.591 | 15.00 | 1.299 | 33.00 | 400           |



**HDPE Metric Threaded O-Ring Plugs**

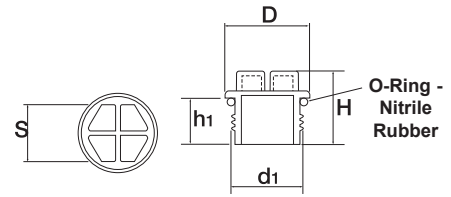


**Specifications:**

- Material: High-Density Polyethylene
- Color: Yellow

**Features:**

- Can be applied or removed by spanner, screwdriver or socket, or by hand



| Item No. | To Plug Metric Thread Size | D    | H    | h1   | S    | Bulk Pack Qty |
|----------|----------------------------|------|------|------|------|---------------|
|          | d1                         | mm   | mm   | mm   | mm   |               |
| 498659   | M8 x 1                     | 12.5 | 17.0 | 10.0 | 6.0  | 500           |
| 498660   | M10 x 1                    | 14.5 | 17.2 | 10.0 | 7.0  | 500           |
| 498661   | M12 x 1                    | 17.0 | 17.2 | 10.0 | 10.0 | 500           |
| 498662   | M10 x 1.5                  | 14.5 | 19.2 | 12.0 | 7.0  | 500           |
| 498663   | M12 x 1.5                  | 17.0 | 19.2 | 12.0 | 10.0 | 500           |
| 498664   | M14 x 1.5                  | 22.0 | 19.2 | 12.0 | 10.0 | 500           |
| 498540   | M16 x 1.5                  | 24.0 | 20.4 | 12.0 | 13.0 | 500           |
| 498541   | M18 x 1.5                  | 24.0 | 20.4 | 12.0 | 13.0 | 500           |
| 498542   | M20 x 1.5                  | 26.0 | 20.4 | 12.0 | 15.0 | 250           |
| 498665   | M22 x 1.5                  | 28.0 | 20.4 | 12.0 | 15.0 | 250           |
| 498543   | M24 x 1.5                  | 30.0 | 20.4 | 12.0 | 17.0 | 250           |
| 498544   | M26 x 1.5                  | 32.0 | 20.4 | 12.0 | 19.0 | 250           |
| 498546   | M30 x 1.5                  | 38.0 | 20.6 | 12.0 | 22.0 | 250           |
| 498547   | M32 x 1.5                  | 40.0 | 20.6 | 12.0 | 24.0 | 250           |
| 498666   | M36 x 1.5                  | 45.0 | 20.6 | 12.0 | 24.0 | 100           |
| 498667   | M38 x 1.5                  | 48.0 | 20.6 | 12.0 | 24.0 | 100           |
| 498668   | M27 x 2.0                  | 33.0 | 24.6 | 15.0 | 19.0 | 250           |
| 498548   | M30 x 2.0                  | 38.0 | 24.6 | 15.0 | 22.0 | 250           |
| 498549   | M33 x 2.0                  | 40.0 | 24.6 | 15.0 | 24.0 | 250           |
| 498550   | M36 x 2.0                  | 45.0 | 24.6 | 15.0 | 24.0 | 100           |
| 498669   | M42 x 2.0                  | 50.0 | 24.6 | 15.0 | 24.0 | 100           |
| 498551   | M45 x 2.0                  | 52.0 | 25.0 | 15.0 | 30.0 | 100           |
| 498670   | M48 x 2.0                  | 55.0 | 25.0 | 15.0 | 30.0 | 100           |
| 498671   | M52 x 2.0                  | 60.0 | 25.0 | 15.0 | 7.0  | 100           |

**Nylon Metric Threaded O-Ring Plugs**

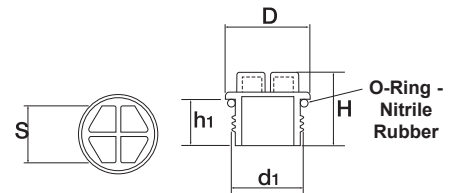


**Specifications:**

- Material: Nylon
- Color: Orange

**Features:**

- Metric thread
- Can be applied or removed by spanner, screwdriver or socket, or by hand
- Nylon is recommended where higher abrasion and slightly higher temperatures are needed where a polyethylene plug will not work



| Item No. | To Plug Metric Thread Size | D    | H    | h1   | S    | Bulk Pack Qty |
|----------|----------------------------|------|------|------|------|---------------|
|          | d1                         | mm   | mm   | mm   | mm   |               |
| 900535   | M8 x 1                     | 12.5 | 17.0 | 10.0 | 6.0  | 500           |
| 900536   | M10 x 1                    | 14.5 | 17.2 | 10.0 | 7.0  | 500           |
| 900537   | M12 x 1                    | 17.0 | 17.2 | 10.0 | 10.0 | 500           |
| 900538   | M10 x 1.5                  | 14.5 | 19.2 | 12.0 | 7.0  | 500           |
| 900539   | M12 x 1.5                  | 17.0 | 19.2 | 12.0 | 10.0 | 500           |
| 900540   | M14 x 1.5                  | 22.0 | 19.2 | 12.0 | 10.0 | 500           |
| 900541   | M16 x 1.5                  | 24.0 | 20.4 | 12.0 | 13.0 | 500           |
| 900542   | M18 x 1.5                  | 24.0 | 20.4 | 12.0 | 13.0 | 500           |
| 900543   | M20 x 1.5                  | 26.0 | 20.4 | 12.0 | 15.0 | 250           |
| 900544   | M22 x 1.5                  | 28.0 | 20.4 | 12.0 | 15.0 | 250           |
| 900545   | M24 x 1.5                  | 30.0 | 20.4 | 12.0 | 17.0 | 250           |
| 900546   | M26 x 1.5                  | 32.0 | 20.4 | 12.0 | 19.0 | 250           |
| 900547   | M30 x 1.5                  | 38.0 | 20.6 | 12.0 | 22.0 | 250           |
| 900548   | M32 x 1.5                  | 40.0 | 20.6 | 12.0 | 24.0 | 250           |
| 900549   | M36 x 1.5                  | 45.0 | 20.6 | 12.0 | 24.0 | 100           |
| 900550   | M38 x 1.5                  | 48.0 | 20.6 | 12.0 | 24.0 | 100           |
| 900551   | M27 x 2.0                  | 33.0 | 24.6 | 15.0 | 19.0 | 250           |
| 900552   | M30 x 2.0                  | 38.0 | 24.6 | 15.0 | 22.0 | 250           |
| 900553   | M33 x 2.0                  | 40.0 | 24.6 | 15.0 | 24.0 | 250           |
| 900554   | M36 x 2.0                  | 45.0 | 24.6 | 15.0 | 24.0 | 100           |
| 900555   | M42 x 2.0                  | 50.0 | 24.6 | 15.0 | 24.0 | 100           |
| 900556   | M45 x 2.0                  | 52.0 | 25.0 | 15.0 | 30.0 | 100           |
| 900557   | M48 x 2.0                  | 55.0 | 25.0 | 15.0 | 30.0 | 100           |
| 900558   | M52 x 2.0                  | 60.0 | 25.0 | 15.0 | 7.0  | 100           |

**PROPANE VALVE PRODUCT CAPS & THREADED PLUGS****PPC Series****Overfill Prevention Device Cylinder Valve Caps**

PPC1A



PPC3RC

## Specifications:

- Material: See Table
- Color: See Table

## Features:

- Protects threads from damage and contaminants during shipping and use
- Easy to apply
- PPC1A - dust cap and retaining strap with warning labels imprinted in English and Spanish
- PPC3RC is a protective cap with an internal ring and tear feature

| Item No. | Material | Color | Product Usage                  | Bulk Pack Qty |
|----------|----------|-------|--------------------------------|---------------|
| PPC1A    | LDPE     | Black | OPD Valve for Propane Cylinder | 550           |
| PPC3RC   | LLDPE    | Blue  | OPD Valve for Propane Cylinder | 900           |

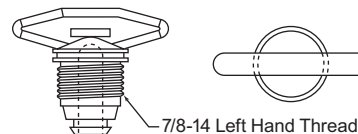
**K Series****Overfill Prevention Device Cylinder Valve Plugs**

## Specifications:

- Material: High-Density Polyethylene
- Color: Red

## Features:

- Protects threads from damage and contaminants during shipping and use
- Easy to apply
- Flat strap attachment device



| Item No. | Description          | Product Usage                  | Bulk Pack Qty |
|----------|----------------------|--------------------------------|---------------|
| K737AC   | 100 Per Bag with Tag | OPD Valve for Propane Cylinder | 1000          |

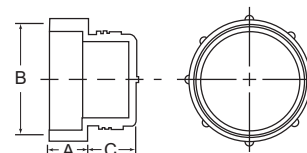
**DP Series****UNJ/UNJS Threaded Plugs**

## Specifications:

- Material: High-Density Polyethylene
- Color: Red

## Features:

- Protects threaded components from dust, moisture and damage during production, storage and shipment
- Designed with an easy to grip head for ease of hand installation
- Threads meet UNJ and UNJS specifications



| Item No. | To Plug UNJ/UNJS Thread Size | Tubing Size |       | A    |       | B     |       | C     |      | Bulk Pack Qty |
|----------|------------------------------|-------------|-------|------|-------|-------|-------|-------|------|---------------|
|          |                              | in          | mm    | in   | mm    | in    | mm    |       |      |               |
| DP3A     | 3/8"-28                      | 3/16        | 0.250 | 6.35 | 0.440 | 11.18 | 0.280 | 7.11  | 5000 |               |
| DP4A     | 7/16"-24                     | 1/4         | 0.310 | 7.87 | 0.560 | 14.22 | 0.300 | 7.62  | 5000 |               |
| DP5A     | 1/2"-24                      | 5/16        | 0.310 | 7.87 | 0.620 | 15.75 | 0.300 | 7.62  | 5000 |               |
| DP6A     | 9/16"-20                     | 3/8         | 0.310 | 7.87 | 0.690 | 17.53 | 0.320 | 8.13  | 5000 |               |
| DP8A     | 23/32"-20                    | 1/2         | 0.310 | 7.87 | 0.880 | 22.35 | 0.320 | 8.13  | 5000 |               |
| DP10A    | 27/32"-18                    | 5/8         | 0.310 | 7.87 | 1.000 | 25.40 | 0.400 | 10.16 | 2500 |               |
| DP12A    | 1"-16                        | 3/4         | 0.310 | 7.87 | 1.120 | 28.45 | 0.420 | 10.67 | 2500 |               |
| DP14A    | 1-1/8"-16                    | 7/8         | 0.250 | 6.35 | 1.250 | 31.75 | 0.450 | 11.43 | 2500 |               |
| DP16A    | 1-1/4"-14                    | 1           | 0.250 | 6.35 | 1.380 | 35.05 | 0.450 | 11.43 | 2000 |               |
| DP20A    | 1-33/64"-14                  | 1-1/4       | 0.250 | 6.35 | 1.620 | 41.15 | 0.450 | 11.43 | 1000 |               |
| DP21SA   | 1-37/64"-14                  | 1-1/4       | 0.250 | 6.35 | 1.750 | 44.45 | 0.460 | 11.68 | 1000 |               |
| DP24A    | 1-25/32"-14                  | 1-1/2       | 0.250 | 6.35 | 2.000 | 50.80 | 0.550 | 13.97 | 1000 |               |
| DP25SA   | 1-27/32"-14                  | 1-1/2       | 0.250 | 6.35 | 2.120 | 53.85 | 0.550 | 13.97 | 1000 |               |



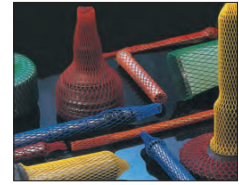
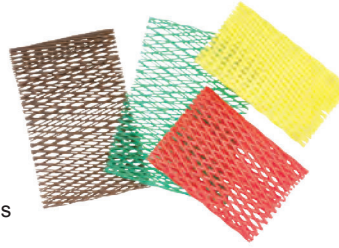
### FNC Series Flexible Protective Netting (Tector-Net)

#### Specifications:

- Material: Low-Density Polyethylene
- Color: See Table

#### Features:

- Easily applied and removed
- Reduces labor cost, inventory cost, damage claims and returns
- Does not trap or retain moisture
- Stretches and wraps snugly around virtually any form



| Item No.     | Color  | Ø Flexible Range |                 | Roll Length |     | Pack Qty |
|--------------|--------|------------------|-----------------|-------------|-----|----------|
|              |        | in               | mm              | Ft          | M   |          |
| FNC00250037S | Red    | 0.250 - 0.375    | 6.35 - 9.53     | 820         | 249 | 1        |
| FNC00250037L | Red    | 0.250 - 0.375    | 6.35 - 9.53     | 1500        | 457 | 1        |
| FNC00250050S | Orange | 0.375 - 0.500    | 6.35 - 12.70    | 820         | 249 | 1        |
| FNC00250050L | Orange | 0.375 - 0.500    | 6.35 - 12.70    | 1500        | 457 | 1        |
| FNC00500100S | Blue   | 0.500 - 1.000    | 12.70 - 25.40   | 820         | 249 | 1        |
| FNC00500100L | Blue   | 0.500 - 1.000    | 12.70 - 25.40   | 1500        | 457 | 1        |
| FNC01000200S | Yellow | 1.000 - 2.000    | 25.40 - 50.80   | 164         | 49  | 1        |
| FNC01000200L | Yellow | 1.000 - 2.000    | 25.40 - 50.80   | 1500        | 457 | 1        |
| FNC02000400S | Red    | 2.000 - 4.000    | 50.80 - 101.60  | 164         | 49  | 1        |
| FNC02000400L | Red    | 2.000 - 4.000    | 50.80 - 101.60  | 1500        | 457 | 1        |
| FNC04000600S | Green  | 4.000 - 6.000    | 101.60 - 152.40 | 164         | 49  | 1        |
| FNC06000800S | Brown  | 6.000 - 8.000    | 152.40 - 203.20 | 164         | 49  | 1        |
| FNC1000SRA   | Green  | 10.000 - 12.000  | 254.00 - 304.80 | 82          | 24  | 1        |

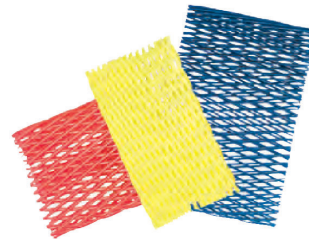
### FNH Series Heavy Gauge Protective Netting

#### Specifications:

- Material: Low-Density Polyethylene
- Color: See Table

#### Features:

- Easily applied and removed
- Reduces labor cost, inventory cost, damage claims and returns
- Does not trap or retain moisture
- Stretches and wraps snugly around virtually any form
- Has heavier gauge material for applications that need a more durable protection



| Item No.   | Color  | Ø Flexible Range |                 | Roll Length |     | Pack Qty |
|------------|--------|------------------|-----------------|-------------|-----|----------|
|            |        | in               | mm              | Ft          | M   |          |
| FNH0050LRA | Blue   | 0.500 - 1.000    | 12.70 - 25.40   | 820         | 249 | 1        |
| FNH0125A   | Yellow | 1.250 - 1.625    | 31.75 - 41.28   | 82          | 24  | 1        |
| FNH0200A   | Red    | 2.000 - 2.500    | 50.80 - 63.50   | 82          | 24  | 1        |
| FNH0250A   | Green  | 2.500 - 3.000    | 63.50 - 76.20   | 82          | 24  | 1        |
| FNH0300A   | Green  | 3.000 - 4.000    | 76.20 - 101.60  | 82          | 24  | 1        |
| FNH0400A   | Yellow | 4.000 - 4.500    | 101.60 - 114.30 | 82          | 24  | 1        |
| FNH0475A   | Red    | 4.750 - 5.500    | 120.65 - 139.70 | 82          | 24  | 1        |
| FNH0550A   | Blue   | 5.500 - 6.750    | 139.70 - 171.45 | 82          | 24  | 1        |
| FNH0675A   | Green  | 6.750 - 8.000    | 171.45 - 203.20 | 82          | 24  | 1        |



## HASSLE-FREE SERVICE



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Tube & Hydraulic Fittings

Caps

Non-Threaded Caps Choices



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TS Series  
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G Series  
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| Your Application |           |              | Non-Threaded Cap Choices |           |           |             | Threaded Cap Choices |          |  |
|------------------|-----------|--------------|--------------------------|-----------|-----------|-------------|----------------------|----------|--|
| Thread Size      | Tube Size | Fitting Size | Numbered Series          | E Series  | TS Series | DM Series   | TCUNF Series         | G Series |  |
| 5/16 - 24        | 1/8       | -2           | 008A                     | —         | —         | DM0304-1/2A | —                    | —        |  |
| 3/8 - 24         | 3/16      | -3           | 011A                     | E3/8A     | TS3A      | DM0360-1/2A | 10251A               | G1A      |  |
| 7/16 - 20        | 1/4       | -4           | 013A                     | E7/16A    | TS4A      | DM0437-1/2A | 10332A               | G2A      |  |
| 1/2 - 20         | 5/16      | -5           | 017A                     | E1/2A     | TS5A      | DM0490-1/2A | 10528A               | G5A      |  |
| 9/16 - 18        | 3/8       | -6           | 020A                     | E9/16A    | TS6A      | DM0544-1/2A | 11041A               | G6A      |  |
| 5/8 - 18         | 3/8       | —            | 021A                     | E5/8A     | TS10348A  | DM0600-1A   | 10653A               | G11A     |  |
| 11/16 - 16       | —         | -7           | 026A                     | E11/16B   | TS7A      | DM0665-1A   | —                    | —        |  |
| 3/4 - 16         | 1/2       | -8           | 028A                     | E3/4A     | TS8A      | DM0725-1A   | 12847A               | G14A     |  |
| 13/16 - 16       | —         | -9           | 030A                     | E13/16A   | TS9A      | DM0750-1A   | 12825A               | —        |  |
| 7/8 - 14         | 5/8       | -10          | 035A                     | E7/8A     | TS10A     | DM0843-1A   | 11089A               | G17A     |  |
| 1 - 14           | —         | -11          | 041A                     | E1A       | TS11A     | DM0985-1A   | 12826A               | G21A     |  |
| 1 - 1/16 - 12    | 3/4       | -12          | 042A                     | E1-1/16A  | TS12A     | DM1000-1A   | 10685A               | G22A     |  |
| 1 - 3/16 - 12    | 7/8       | -13          | 1040A                    | E1-3/16B  | TS13A     | DM1125-1A   | 10163A               | G25A     |  |
| 1 - 5/16 - 12    | 1         | -16          | 049A                     | E1-5/16B  | TS16A     | DM1250-1A   | 10151A               | G27A     |  |
| 1 - 7/16 - 12    | —         | -17          | 053A                     | E1-7/16B  | TS17A     | DM1375-1A   | 10185A               | —        |  |
| 1 - 5/8 - 12     | 1-1/4     | -20          | 056A                     | E1-5/8B   | TS20A     | DM1593-1A   | 11053A               | G30A     |  |
| 1 - 11/16 - 12   | —         | -21          | 056A                     | E1-11/16B | TS21A     | DM1625-1A   | —                    | —        |  |
| 1 - 7/8 - 12     | 1-1/2     | -24          | 062A                     | E1-7/8B   | TS24A     | DM1875-1A   | 11804A               | —        |  |
| 2 - 1/4 - 12     | 1-3/4     | -28          | 072A                     | —         | —         | DM2156-1A   | —                    | —        |  |

Plugs

Non-Threaded Plug Choices



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Threaded Plug Choices



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| Your Application |           |              | Non-Threaded Plug Choices |           |              | Threaded Plug Choices |            |             |
|------------------|-----------|--------------|---------------------------|-----------|--------------|-----------------------|------------|-------------|
| Thread Size      | Tube Size | Fitting Size | Numbered Series           | CP Series | TPUNF Series | BL Series             | BLM Series | BLWF Series |
| 5/16 - 24        | 1/8       | -2           | 005A                      | CP5A      | 10709A       | —                     | —          | —           |
| 3/8 - 24         | 3/16      | -3           | 007A                      | CP7A      | 10692A       | —                     | —          | —           |
| 7/16 - 20        | 1/4       | -4           | 008A                      | CP8A      | 10763A       | BL3A                  | BLM3B      | BLWF100A    |
| 1/2 - 20         | 5/16      | -5           | 010A                      | CP10A     | 10696A       | B4A                   | BLM4B      | BLWF105A    |
| 9/16 - 18        | 3/8       | -6           | 013A                      | CP14A     | 10668A       | BL5A                  | BLM5B      | BLWF110A    |
| 5/8 - 18         | 3/8       | —            | 014A                      | CP15B     | 10940A       | B6A                   | BLM6B      | —           |
| 3/4 - 16         | 1/2       | -8           | 021A                      | CP19A     | 10575A       | BL7A                  | BLM7B      | BLWF115A    |
| 7/8 - 14         | 5/8       | -10          | 026A                      | CP24A     | 10326A       | BL8A                  | BLM8B      | BLWF120A    |
| 1 - 14           | —         | —            | 030A                      | CP31A     | 12785A       | B9A                   | BLM9B      | —           |
| 1 - 1/16 - 12    | 3/4       | -12          | 035A                      | CP35A     | 10460A       | BL10A                 | BLM10B     | BLWF125A    |
| 1 - 3/16 - 12    | 7/8       | -13          | 041A                      | CP40A     | 11506A       | BL11A                 | BLM11B     | BLWF130A    |
| 1 - 5/16 - 12    | 1         | -16          | 044A                      | CP44A     | 10671A       | BL12A                 | BLM12B     | BLWF135A    |
| 1 - 5/8 - 12     | 1 - 1/4   | -20          | 052A                      | CP55A     | 11752A       | BL13A                 | BLM13B     | BLWF140A    |
| 2 - 1/4 - 12     | 1 - 3/4   | -28          | 066A                      | CP61A     | —            | —                     | —          | —           |

Threaded NPT Fittings

Caps



Numbered Series  
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Y Series  
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DM Series  
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ECS Series  
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| Your Application       |                 |           |             |            |
|------------------------|-----------------|-----------|-------------|------------|
| To Cap NPT Thread Size | Numbered Series | Y Series  | DM Series   | ECS Series |
| 1/8                    | 011A            | Y1/8A     | DM0375-1/2A | ECS0125A   |
| 1/4                    | 018A            | Y1/4A     | DM0500-1/2A | ECS0250A   |
| 3/8                    | 022A            | Y3/8A     | DM0625-1/2A | ECS0375A   |
| 1/2                    | 028A            | Y1/2A     | DM0843-1A   | ECS0500A   |
| 3/4                    | 040A            | Y3/4A     | DM1000-1A   | ECS0750A   |
| 1                      | 045A            | Y1A       | DM1250-1A   | ECS1000A   |
| 1 - 1/4                | 056A            | Y1 - 1/4A | DM1875-1A   | ECS1250A   |
| 1 - 1/2                | 060A            | Y1 - 1/2A | DM2375-1A   | ECS1500A   |
| 2                      | 071A            | Y2A       | DM2750-1A   | ECS2000A   |

Plugs



Numbered Series  
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CP Series  
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R Series  
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PFP Series  
Page 58

| Your Application        |                 |           |           |            |
|-------------------------|-----------------|-----------|-----------|------------|
| To Plug NPT Thread Size | Numbered Series | CP Series | R Series  | PFP Series |
| 1/8                     | 008A            | CP8A      | R1/8A     | PFP1/8A    |
| 1/4                     | 011A            | CP11A     | R1/4A     | PFP1/4A    |
| 3/8                     | 017A            | —         | R3/8A     | PFP3/8A    |
| 1/2                     | 023A            | CP23A     | R1/2A     | PFP1/2A    |
| 3/4                     | 035A            | CP35A     | R3/4A     | PFP3/4A    |
| 1                       | 042A            | CP44A     | R1A       | PFP1A      |
| 1 - 1/4                 | 054A            | CP55A     | R1 - 1/4A | —          |
| 1 - 1/2                 | 057A            | CP57A     | R1 - 1/2A | —          |
| 2                       | 066A            | —         | R2A       | —          |



Metric Threads

Caps



| Your Application |                 |             |               |                  |
|------------------|-----------------|-------------|---------------|------------------|
| Thread Size      | Numbered Series | DM Series   | A & AR Series | TC Metric Series |
| M4               | 004A            | DM0148-1/2A | A5/32W/RA     | —                |
| M5               | 005A            | DM0187-1/2A | —             | —                |
| M6               | 006A            | DM0224-1/2A | —             | —                |
| M8 x 1           | 009A            | DM0304-1/2A | A5/16W/RA     | 12100A           |
| M10 x 1          | 012A            | DM0375-1/2A | AR100A        | 12101A           |
| M12 x 1          | 014A            | DM0460-1/2A | A1/2BA        | 12102A           |
| M12 x 1.5        | 1015A           | DM0460-1/2A | A1/2BA        | 12103A           |
| M14 x 1.5        | 018A            | DM0531-1/2A | —             | 12104A           |
| M16 x 1.5        | 022A            | DM0600-1A   | A5/8W/RA      | 12105A           |
| M18 x 1.5        | 027A            | DM0687-1A   | A11/16W/RA    | 12106A           |
| M20 x 1.5        | 030A            | DM0750-1A   | AR125A        | 12107A           |
| M22 x 1.5        | 035A            | DM0843-1A   | AR130A        | 12108A           |
| M24 x 1.5        | 040A            | DM0937-1A   | A15/16A       | 12109A           |
| M25 x 1.5        | 041A            | —           | A63/64A       | 12110A           |
| M26 x 1.5        | 041A            | DM1000-1A   | A1W/RA        | 12111A           |
| M27              | 042A            | DM1062-1A   | A1-1/16W/RA   | —                |
| M28 x 1.5        | 044A            | DM1090-1A   | —             | 12967A           |
| M30 x 2          | 1050A           | DM1125-1A   | —             | 12122A           |
| M35              | 051A            | DM1375-1A   | A1-3/8A       | —                |
| M39              | 055A            | DM1500-1A   | A1-1/2A       | —                |
| M42 x 2          | 056A            | DM1625-1A   | A1-5/8A       | 12124A           |
| M45              | 058A            | DM1750-1A   | A1-3/4A       | —                |
| M48              | 064A            | DM1875-1A   | A1-7/8A       | —                |
| M52 x 2          | 1085A           | DM2125-1A   | —             | 12126A           |
| M58              | 075A            | DM2250-1A   | A2-1/4A       | —                |

Caps

Non-Threaded Studs



| To Cap OD |       |       | Numbered Series | A Series    | DM Series   |
|-----------|-------|-------|-----------------|-------------|-------------|
| in        | dec.  | mm    |                 |             |             |
| 1/8       | 0.125 | 3.17  | 002A            | A1/8W/RA    | DM0125-1/2A |
| 3/16      | 0.187 | 4.75  | 005A            | A3/16W/RA   | DM0187-1/2A |
| 1/4       | 0.250 | 6.35  | 007A            | A1/4W/RA    | DM0250-1/2A |
| 5/16      | 0.312 | 7.92  | 009A            | A5/16W/RA   | DM0313-1/2A |
| 3/8       | 0.375 | 9.53  | 011A            | A3/8W/RA    | DM0375-1/2A |
| 7/16      | 0.437 | 11.10 | 014A            | A7/16W/RA   | DM0437-1/2A |
| 1/2       | 0.500 | 12.70 | 1020A           | A1/2W/RA    | DM0500-1A   |
| 9/16      | 0.562 | 14.27 | 020A            | A9/16W/RA   | DM0562-1A   |
| 5/8       | 0.625 | 15.88 | 022A            | A5/8W/RA    | DM0625-1A   |
| 11/16     | 0.687 | 17.45 | 026A            | A11/16W/RA  | DM0687-1A   |
| 3/4       | 0.750 | 19.05 | 028A            | A3/4W/RA    | DM0750-1A   |
| 13/16     | 0.812 | 20.62 | 031A            | A13/16W/RA  | DM0812-1A   |
| 7/8       | 0.875 | 22.23 | 039A            | A7/8W/RA    | DM0875-1A   |
| 15/16     | 0.937 | 23.80 | 040A            | A15/16A     | DM0937-1A   |
| 1         | 1.000 | 25.40 | 041A            | A1W/RA      | DM1000-1A   |
| 1 - 1/16  | 1.062 | 26.97 | 042A            | A1-1/16W/RA | DM1062-1A   |
| 1 - 1/8   | 1.125 | 28.58 | 1040A           | A1-1/8A     | DM1125-1A   |
| 1 - 3/16  | 1.187 | 30.15 | 045A            | A1-3/16W/RA | DM1187-1A   |
| 1 - 1/4   | 1.250 | 31.75 | 048A            | A1-1/4A     | DM1250-1A   |
| 1 - 5/16  | 1.312 | 33.32 | 051A            | A1-5/16W/RA | DM1312-1A   |
| 1 - 3/8   | 1.375 | 34.93 | 052A            | A1-3/8A     | DM1375-1A   |
| 1 - 7/16  | 1.437 | 36.50 | 053A            | A1-7/16A    | DM1437-1A   |
| 1 - 1/2   | 1.500 | 38.10 | 055A            | A1-1/2A     | DM1500-1A   |
| 1 - 9/16  | 1.562 | 39.67 | 055A            | A1-9/16A    | —           |
| 1 - 5/8   | 1.625 | 41.28 | 056A            | A1-5/8A     | DM1625-1A   |
| 1 - 11/16 | 1.687 | 42.85 | 057A            | A1-11/16A   | DM1687-1A   |
| 1 - 3/4   | 1.750 | 44.45 | 059A            | A1-3/4A     | DM1750-1A   |
| 1 - 13/16 | 1.812 | 46.02 | 060A            | —           | DM1812-1A   |
| 1 - 7/8   | 1.875 | 47.63 | 062A            | A1-7/8A     | DM1875-1A   |
| 1 - 15/16 | 1.937 | 49.20 | 063A            | —           | DM1937-1A   |
| 2         | 2.000 | 50.80 | 065A            | A2A         | DM2000-1A   |

Plugs



| Your Application |                 |           |           |             |           |
|------------------|-----------------|-----------|-----------|-------------|-----------|
| Thread Size      | Numbered Series | BP Series | TP Metric | TSSP Series | SF Series |
| M6               | 002A            | BP1012A   | —         | —           | —         |
| M8 x 1           | 005A            | BP1018A   | 12011A    | 462836A     | —         |
| M10 x 1          | 007A            | BP1026A   | 12012A    | 462837A     | 10530A    |
| M12 x 1          | 010A            | BP1038A   | 12013A    | —           | 12363A    |
| M12 x 1.5        | 009A            | BP1034A   | 12017A    | 462838A     | 12363A    |
| M14 x 1.5        | 012A            | BP1044A   | 12018A    | 462839A     | 12363A    |
| M16 x 1.5        | 015A            | BP1056A   | 12019A    | 462840A     | 12364A    |
| M18 x 1.5        | 018A            | BP1060A   | 10458A    | 462841A     | 10314B    |
| M20 x 1.5        | 022A            | BP1068A   | 12020A    | 462842A     | 12365A    |
| M22 x 1.5        | 026A            | BP1074A   | 10128A    | 462843A     | 12366A    |
| M24 x 1.5        | 028A            | BP1086A   | 12021A    | —           | 12621A    |
| M26 x 1.5        | 030A            | BP1092A   | 12023A    | —           | 12367A    |
| M27              | 035A            | BP1100A   | —         | —           | —         |
| M28              | 040A            | BP1102A   | —         | —           | 12368A    |
| M30              | 041A            | BP1106A   | —         | —           | —         |
| M32              | 044A            | BP1112A   | —         | —           | 12369A    |
| M33              | 044A            | BP1114A   | —         | —           | —         |
| M36 x 2          | 045A            | BP1116A   | —         | —           | 12622A    |
| M38              | 048A            | BP1126A   | —         | —           | —         |
| M42 x 2          | 053A            | BP1134A   | —         | —           | 12598A    |
| M52 x 2          | 1080A           | BP1142A   | —         | —           | —         |

Plugs



Non-Threaded Holes



| To Plug ID |       |       | Numbered Series | FT Series | CP Series |
|------------|-------|-------|-----------------|-----------|-----------|
| in         | dec.  | mm    |                 |           |           |
| 1/8        | 0.125 | 3.17  | 001A            | 10874A    | —         |
| 3/16       | 0.187 | 4.75  | 1000A           | 12665A    | —         |
| 1/4        | 0.250 | 6.35  | 003A            | 12667A    | CP4A      |
| 5/16       | 0.312 | 7.92  | 006A            | 12668A    | CP6A      |
| 3/8        | 0.375 | 9.53  | 008A            | 12670A    | CP8A      |
| 7/16       | 0.437 | 11.10 | 010A            | 12671A    | CP10A     |
| 1/2        | 0.500 | 12.70 | 012A            | 12673A    | CP12A     |
| 9/16       | 0.562 | 14.27 | 014A            | 12675A    | CP14A     |
| 5/8        | 0.625 | 15.88 | 017A            | 12677A    | CP16A     |
| 11/16      | 0.687 | 17.45 | 020A            | 12679A    | CP19A     |
| 3/4        | 0.750 | 19.05 | 023A            | 12680A    | CP23A     |
| 13/16      | 0.812 | 20.62 | 026A            | 12683A    | CP24A     |
| 7/8        | 0.875 | 22.23 | 028A            | 12684A    | CP29A     |
| 15/16      | 0.937 | 23.80 | 030A            | 12686A    | CP31A     |
| 1          | 1.000 | 25.40 | 035A            | 12688A    | CP35A     |
| 1 - 1/16   | 1.062 | 26.97 | 040A            | 12689A    | CP37A     |
| 1 - 1/8    | 1.125 | 28.58 | 041A            | 12691A    | CP40A     |
| 1 - 3/16   | 1.187 | 30.15 | 042A            | 12692A    | CP42A     |
| 1 - 1/4    | 1.250 | 31.75 | 044A            | —         | CP44A     |
| 1 - 5/16   | 1.312 | 33.32 | 045A            | —         | CP46A     |
| 1 - 3/8    | 1.375 | 34.93 | 1055A           | —         | CP49A     |
| 1 - 7/16   | 1.437 | 36.50 | 048A            | —         | CP49A     |
| 1 - 1/2    | 1.500 | 38.10 | 051A            | —         | CP51A     |
| 1 - 9/16   | 1.562 | 39.67 | 052A            | 12693A    | CP55A     |
| 1 - 5/8    | 1.625 | 41.28 | 055A            | —         | CP56A     |
| 1 - 11/16  | 1.687 | 42.85 | 056A            | —         | CP56A     |
| 1 - 3/4    | 1.750 | 44.45 | 1065A           | —         | CP59A     |
| 1 - 13/16  | 1.812 | 46.02 | 057A            | 12694A    | CP59A     |
| 1 - 7/8    | 1.875 | 47.63 | 1070A           | —         | CP57A     |
| 1 - 15/16  | 1.937 | 49.20 | 1075A           | —         | CP57A     |
| 2          | 2.000 | 50.80 | 1080A           | —         | —         |

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