



**THE DATASHEET OF**  
**10659**





**MASTER**<sup>®</sup>  
APPLIANCE

Heat Seal Connectors & Shrink Tubing

# Sealed Electrical System

**SEAL YOUR CONNECTIONS!**

**MAKE PERMANENT REPAIRS!**

Resist water & condensation  
Resist salt & other contaminants  
Resist wire pull out & current leakage

## Who Uses Heat Shrink Connectors:

- Heavy Duty Trucking
- Marine & RV
- Plant Maintenance Departments
- OEM & Automotive Aftermarket
- Heavy Duty Equipment
- Oil Fields & Mining
- Municipalities & Military Bases

The past few years have seen the advent of sweeping technological advances in the automotive, fleet, and marine industries. Many of these advances involve improved electrical systems, controlled by miniature onboard computers. Consequently, small variations in voltage can significantly affect vehicle performance.

To combat these problems and increase longevity, the major manufacturers in these industries are using completely sealed electrical systems. Unfortunately, the repair and maintenance industry is lagging behind. The integrity of sealed electrical harnesses is often breached when repairs are made with inferior, unsealed electrical connectors. Master Appliance has the solution.

The heat shrink connector is the innovative solution that allows the aftermarket to keep pace with changing technology. Each repair made with a heat shrink connector is individually protected from corrosion, contaminants, and current leakage. This ensures that the original integrity of the wiring harness is maintained.

UL listed parts  
ask for a complete list of applicable part numbers



# MULTISEAL™

## Crimped

Mechanical reliability • Holds wires in place

## Soldered

Ultimate tensile strength • Superior conductivity

## Sealed

Durable insulation • Watertight connection



*Crimped for mechanical reliability, soldered for strength and conductivity, and sealed for superior durability. When there is no margin for error, choose Multi Seal... The ultimate connector.*

### FEATURES & BENEFITS:

- Seamless Butt Connectors & Brazed Seam Rings and Spades – Prevents opening of connector barrel for stronger crimp.
- Low temperature pre-measured solder with flux for greater tensile strength and superior current flow.
- Uniform adhesive flow does not overflow onto terminal to impede contact.
- Heat shrink tubing does not reduce in length creating better insulation along with superior wire support and strain relief.
- Translucent, adhesive-lined polyolefin shrink tubing – Allows visual inspection, prevents wire corrosion, and provides a water and contaminant resistant seal.
- Color-coded tubing with wire gauge imprint – Provides easy identification of the correct part for the job.
- Superior Integrity of electrical systems – Sealed electrical systems ensure the original integrity of wire connections and wiring harnesses and conforms with OEM standards. **103 lbs tensile strength.**

## Crimp - Solder - Seal



1. Strip the wires 3/8" and slide the wires into the connector.

2. Crimp the wire strands and connector.

3. Apply Heat to the connector until tubing recovers and the solder flows. Allow the connector to cool.

### 10058 - Multiseal Butt Splice Connector Minipack

Butt Connectors	Description	Qty
	18-20 AWG, Butt Connector, Red	20
	14-16 AWG, Butt Connector, Blue	20
	10-12 AWG, Butt Connector Yellow	10

**3 items & 50 pieces:**

### 10067 Multiseal Connector Kit

	Description	Qty
Ring Terminals	18-20 AWG, Ring Terminal, #6 Stud, Red	5
	18-20 AWG, Ring Terminal, #10 Stud, Red	5
	14-16 AWG, Ring Terminal, #10 Stud, Blue	5
	14-16 AWG, Ring Terminal, 1/4" Stud, Blue	5
	14-16 AWG, Ring Terminal, 3/8" Stud, Blue	5
	10-12 AWG, Ring Terminal, #10" Stud, Yellow	5
	10-12 AWG, Ring Terminal, 1/4" Stud, Yellow	5
	10-12 AWG, Ring Terminal, 3/8" Stud, Yellow	5
	10-12 AWG, Ring Terminal, 1/2" Stud, Yellow	5
	Spade Terminals	18-20 AWG, Spade Terminal, #10, Red
14-16 AWG, Spade Terminal, #10, Blue		5
10-12 AWG, Spade Terminal, #10, Yellow		5
Butt Connectors	22-24 AWG, Butt Connector, Clear	5
	18-20 AWG, Butt Connector, Red	10
	14-16 AWG, Butt Connector Blue	15
	10-12 AWG, Butt Connector Yellow	10
Insulated Couplers	18-20 AWG, Female Coupler, 1/4 Tab, Red	5
	14-16 AWG, Female Coupler, 1/4 Tab, Blue	5
	18-20 AWG, Male Coupler, 1/4" Tab, Red	5
	14-16 AWG, Male Coupler, 1/4" Tab, Blue	5

10058



Temperature rating: -67°F to 230°F  
-55°C to 110°C  
Longitudinal change: +1, -10%  
Recovery temperature: 275°F/135°C  
Dielectric strength: 900 Volts/Mil.  
UL Voltage Rating: 600 Volts  
Corrosion resistance: Non-corrosive  
Fungus Resistance: Non-nutrient  
Water absorption: <0.1%

10067



10066



### 10066 - Multiseal Connector Kit with Tool Slot

### 10068 - Multiseal Connector Kit with UT-100Si & Crimper

	Description	Qty
Ring Terminals	18-22 AWG, Ring Terminal, #10 Stud, Red	5
	14-16 AWG, Ring Terminal, #8 Stud, Blue	5
	14-16 AWG, Ring Terminal, #10 Stud, Blue	5
	14-16 AWG, Ring Terminal, 1/4" Stud, Blue	5
	14-16 AWG, Ring Terminal, 3/8" Stud, Blue	5
	10-12 AWG, Ring Terminal, #10 Stud, Yellow	5
Butt Connectors	18-22 AWG, Butt Connector, Red	10
	14-16 AWG, Butt Connector, Blue	10
	10-12 AWG, Butt Connector Yellow	10
	10-12 AWG, Butt Connector Yellow	10
Insulated Couplers	18-20 AWG, Female Coupler, 1/4 Tab, Red	5
	14-16 AWG, Female Coupler, 1/4 Tab, Blue	5
	18-20 AWG, Male Coupler, 1/4" Tab, Red	5
	14-16 AWG, Male Coupler, 1/4" Tab, Blue	5

10068



**14 items and 90 pieces:**

# SOLDERSEAL™

## Soldered

Ultimate tensile strength • Superior conductivity

## Sealed

Durable insulation • Watertight connection



High quality, sealed solder connection that takes the guesswork out of soldering water tight connections.

### FEATURES & BENEFITS:

- Low temperature pre-measured solder with flux for greater tensile strength and superior current flow.
- Uniform adhesive flow does not overflow onto terminal to impede contact.
- Heat shrink tubing does not reduce in length creating better insulation along with wire superior support and strain relief.
- Translucent, adhesive-lined polyolefin shrink tubing – Allows visual inspection, prevents wire corrosion, and provides a water and contaminant resistant seal.
- Color-coded tubing with wire gauge imprint – Provides easy identification of the correct part for the job.
- Superior Integrity of electrical systems – Sealed electrical systems ensure the original integrity of wire connections and wiring harnesses and conforms with OEM standards. **102 lbs tensile strength.**

## Solder - Seal

### 10056 - Solderseal Butt Splice Connector Minipack

Butt Connectors	Description	Qty
	22-24 AWG, Butt Connector, Red	10
	18-20 AWG, Butt Connector, Red	15
	14-16 AWG, Butt Connector, Blue	15
	10-12 AWG, Butt Connector Yellow	15

**4 items & 55 pieces:**

### 10724 - Solderseal Connector Kit

Ring Terminals	Description	Qty
	18-20 AWG, Ring Terminals, Red, #6 Stud	5
	18-20 AWG, Ring Terminals, Red, #8	5
	18-20 AWG, Ring terminals, Red, #10	5
	18-20 AWG, Ring Terminals, Red, 1/4"	5
	114-16 AWG, Ring Terminals, Blue, #8	5
	14-16 AWG, Ring Terminals, Blue, #10	5
	14-16 AWG, Ring Terminals, Blue, 1/4"	5
	14-16 AWG, Ring Terminals, Blue, 3/8" Stud	5
	10-12 AWG, Ring Terminals, Yellow, #10 Stud	5
	10-12 AWG, Ring Terminals, Yellow, 1/4" Stud	5
	10-12 AWG, Ring Terminals, Yellow, 3/8" Stud	5
	10-12 AWG, Ring Terminals, Yellow, 1/2" Stud	5
Spade Terminals	Description	Qty
	18-20 AWG, Spade Terminals, Red, #10	5
	14-16 AWG, Spade Terminals, Blue, #10 Stud	5
	10-12 AWG, Spade Terminals, Yellow, #10 Stud	5
Butt Connectors	Description	Qty
	22-24 AWG, Butt Connectors, Clear	5
	18-20 AWG, Butt Connectors, Red	10
	14-16 AWG, Butt Connectors, Blue	10
	10-12 AWG, Butt Connectors, Yellow	5
Insulated Couplers	Description	Qty
	18-20 AWG, Slip-On Connectors, Red, .250 Female	5
	18-20 AWG, Slip-On Connectors, Red, .250 Male	5
	14-16 AWG, Slip-On Connectors, Blue, .250 Female	5
	14-16 AWG, Slip-On Connectors, Blue, .250 Male	5
	10-12 AWG, Slip-On Connectors, Yellow, .250 Female	5
	10-12 AWG, Slip-On Connectors, Yellow, .250 Male	5

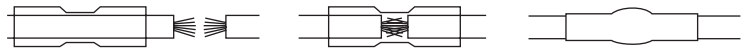
**25 items and 135 pieces:**

### 10729 - Solderseal Connector Kit with Tool Slot

### 10725 - Solderseal Connector Kit with UT-100Si

Ring Terminals	Description	Qty
	18-20 AWG, Ring terminals, Red, #10	5
	14-16 AWG, Ring Terminals, Blue, #10	5
	14-16 AWG, Ring Terminals, Blue, 1/4"	5
	14-16 AWG, Ring Terminals, Blue, 3/8" Stud	5
	10-12 AWG, Ring Terminals, Yellow, #10 Stud	5
	10-12 AWG, Ring Terminals, Yellow, 3/8" Stud	5
Butt Connectors	Description	Qty
	22-24 AWG, Butt Connectors, Clear	10
	18-20 AWG, Butt Connectors, Red	10
	14-16 AWG, Butt Connectors, Blue	10
	10-12 AWG, Butt Connectors, Yellow	10
Insulated Couplers	Description	Qty
	14-16 AWG, Slip-On Connectors, Blue, .250 Female	5
	14-16 AWG, Slip-On Connectors, Blue, .250 Male	5

**12 items and 80 pieces:**



1. Strip wires 3/8" and slide the connector over one of the wires. Separate the wire strands.

2. Intermingle the wire strands and slide the connector over the joined wires.

3. Apply Heat to the connector until tubing recovers and solder flows. Allow the connector to cool.

Temperature rating: -67°F to 230°F  
-55°C to 110°C  
Longitudinal change: +1, -10%  
Recovery temperature: 275°F/135°C  
Dielectric strength: 500 Volts/Mil.  
UL Voltage Rating: 600 Volts  
Corrosion resistance: Non-corrosive  
Fungus Resistance: Non-nutrient  
Water absorption: <0.1%



10056



10724



10729



10725

# PROSEAL™

## Crimped

Mechanical reliability • Holds wires in place

## Sealed

Durable insulation • Watertight connection

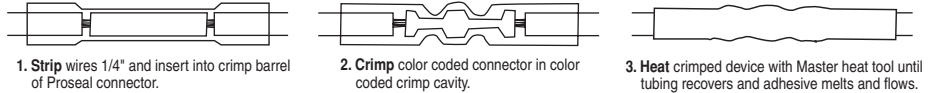


The finest "Crimp & Seal" connector on the market today.  
Better wire contact - Less voltage drop - Better current flow

### FEATURES & BENEFITS:

- Seamless Butt Connectors & Brazed Seam Rings and Spades – Prevents opening of connector barrel for stronger crimp.
- Uniform adhesive flow does not overflow onto terminal to impede contact.
- Heat shrink tubing does not reduce in length creating better insulation along with wire superior support and strain relief.
- Translucent, adhesive-lined polyolefin shrink tubing – Allows visual inspection, prevents wire corrosion, and provides a water and contaminant resistant seal.
- Color-coded tubing with wire gauge imprint – Provides easy identification of the correct part for the job.
- Superior Integrity of electrical systems – Sealed electrical systems ensure the original integrity of wire connections and wiring harnesses and conforms with OEM standards. **89 lbs tensile strength.**

## Crimp - Seal



### 10054 - Proseal Butt Splice Connector Minipack

Butt Connectors	Description	Qty
	18-20 AWG, Butt Connector, Red	20
	14-16 AWG, Butt Connector, Blue	20
	10-12 AWG, Butt Connector Yellow	5

**3 items & 45 pieces:**

10054



Temperature rating: -67°F to 230°F  
-55°C to 110°C  
Longitudinal change: +1, -10%  
Recovery temperature: 275°F/135°C  
Dielectric strength: 900 Volts/Mil.  
UL Voltage Rating: 600 Volts  
Water absorption: <0.1%  
Corrosion resistance: Non-corrosive  
Fungus Resistance: Non-nutrient  
Water absorption: <0.1%

### 10600 Assortment Proseal Connector Kit

	Description	Qty
Ring Terminals	18-20 AWG, Ring Terminal, #6 Stud, Red	5
	18-22 AWG, Ring Terminal, #10 Stud, Red	5
	14-16 AWG, Ring Terminal, #8 Stud, Blue	5
	14-16 AWG, Ring Terminal, #10 Stud, Blue	5
	14-16 AWG, Ring Terminal, 1/4" Stud, Blue	5
	14-16 AWG, Ring Terminal, 3/8" Stud, Blue	5
	10-12 AWG, Ring Terminal, #8 Stud, Yellow	5
	10-12 AWG, Ring Terminal, #10 Stud, Yellow	5
	10-12 AWG, Ring Terminal, 1/4" Stud, Yellow	5
	10-12 AWG, Ring Terminal, 3/8" Stud, Yellow	5
Spade Terminals	18-20 AWG, Spade Terminal, #10, Red	5
	14-16 AWG, Spade Terminal, #10, Blue	5
	10-12 AWG, Spade Terminal, #10, Yellow	5
Butt Connectors	18-22 AWG, Butt Connector, Red	10
	14-16 AWG, Butt Connector, Blue	10
	10-12 AWG, Butt Connector Yellow	10
Insulated Couplers	18-20 AWG, Female Coupler, 1/4 Tab, Red	5
	14-16 AWG, Female Coupler, 1/4 Tab, Blue	5
	18-20 AWG, Male Coupler, 1/4" Tab, Red	5
	14-16 AWG, Male Coupler, 1/4" Tab, Blue	5

**20 items and 115 pieces:**

10600



10723



### 10723 - Proseal Connector Kit with Tool Slot

### 10719 - Proseal Connector Kit with UT-100Si & Crimper

	Description	Qty
Ring Terminals	18-20 AWG, Ring terminals, Red, #10	5
	14-16 AWG, Ring Terminals, Blue, #8	5
	14-16 AWG, Ring Terminals, Blue, #10	5
	14-16 AWG, Ring Terminals, Blue, 1/4" Stud	5
	14-16 AWG, Ring Terminals, Blue, 3/8" Stud	5
	10-12 AWG, Ring Terminals, Yellow, #10 Stud	5
	10-12 AWG, Ring Terminals, Yellow, 3/8" Stud	5
Butt Connectors	18-20 AWG, Butt Connector, Red	10
	14-16 AWG, Butt Connectors, Blue	10
	10-12 AWG, Butt Connectors, Yellow	10
Insulated Couplers	14-16 AWG, Slip-On Connectors, Blue, .250 Female	5
	14-16 AWG, Slip-On Connectors, Blue, .250 Male	5

10719



# Kit Refills - Heat Seal Connectors & Heat Shrink Tubing

Part Number	Description	Std.Pack
<b>Multiseal Ring Terminals</b>		
11516	18-20 AWG, Red, #6 Stud	10
11573	18-20 AWG, Red, #6 Stud	50
11525	18-20 AWG, Red, #10 Stud	10
11576	18-20 AWG, Red, #10 Stud	50
11518	14-16 AWG, Blue, #10 Stud	10
11568	14-16 AWG, Blue, #10 Stud	50
11519	14-16 AWG, Blue, 1/4" Stud	10
11574	14-16 AWG, Blue, 1/4" Stud	50
11520	14-16 AWG, Blue, 3/8" Stud	10
11581	14-16 AWG, Blue, 3/8" Stud	50
11521	10-12 AWG, Yellow, #10 Stud	10
11569	10-12 AWG, Yellow, #10 Stud	50
11523	10-12 AWG, Yellow, 1/4" Stud	10
11582	10-12 AWG, Yellow, 1/4" Stud	50
11524	10-12 AWG, Yellow, 3/8" Stud	10
11570	10-12 AWG, Yellow, 3/8" Stud	50
11522	10-12 AWG, Yellow, 1/2" Stud	10
11575	10-12 AWG, Yellow, 1/2" Stud	50
<b>Multiseal Spade Terminals</b>		
11517	18-20 AWG, Red, #10 Stud	10
11580	18-20 AWG, Red, #10 Stud	50
11526	14-16 AWG, Blue, #10 Stud	10
11583	14-16 AWG, Blue, #10 Stud	50
11527	10-12 AWG, Yellow, #10 Stud	10
11571	10-12 AWG, Yellow, #10 Stud	50
<b>Multiseal Butt Connectors</b>		
11512	22-24 AWG, Clear Butt	10
11566	22-24 AWG, Clear Butt	50
11513	18-20 AWG, Red Butt	10
11572	18-20 AWG, Red Butt	50
11514	14-16 AWG, Blue Butt	10
11579	14-16 AWG, Blue Butt	50
11515	10-12 AWG, Yellow Butt	10
11567	10-12 AWG, Yellow Butt	50
<b>Multiseal Female Slip-On Terminals</b>		
11528	18-20 AWG, Red	10
11577	18-20 AWG, Red	50
11530	14-16 AWG, Blue	10
11584	14-16 AWG, Blue	50
<b>Multiseal Male Slip-On Terminals</b>		
11529	18-20 AWG, Red	10
11578	18-20 AWG, Red	50
11531	14-16 AWG, Blue	10
11585	14-16 AWG, Blue	50
<b>Solderseal Ring Terminals</b>		
10772	18-20 AWG, Red, # 6 Stud	10
10811	18-20 AWG, Red, # 6 Stud	50
10773	18-20 AWG, Red, # 8 Stud	10
10812	18-20 AWG, Red, # 8 Stud	50
10774	18-20 AWG, Red, # 10 Stud	10
10813	18-20 AWG, Red, # 10 Stud	50
10775	18-20 AWG, Red, 1/4" Stud	10
10814	18-20 AWG, Red, 1/4" Stud	50
10779	14-16 AWG, Blue, # 8 Stud	10
10818	14-16 AWG, Blue, # 8 Stud	50
10780	14-16 AWG, Blue, # 10 Stud	10
10819	14-16 AWG, Blue, # 10 Stud	50
10781	14-16 AWG, Blue, 1/4" Stud	10
10820	14-16 AWG, Blue, 1/4" Stud	50
10783	14-16 AWG, Blue, 3/8" Stud	10
10822	14-16 AWG, Blue, 3/8" Stud	50
10784	10-12 AWG, Yellow, # 10 Stud	10
10823	10-12 AWG, Yellow, # 10 Stud	50
10785	10-12 AWG, Yellow, 1/4" Stud	10
10824	10-12 AWG, Yellow, 1/4" Stud	50
10787	10-12 AWG, Yellow, 3/8" Stud	10
10826	10-12 AWG, Yellow, 3/8" Stud	50
10788	10-12 AWG, Yellow, 1/2" Stud	10
10827	10-12 AWG, Yellow, 1/2" Stud	50
<b>Solderseal Spade Terminals</b>		
10792	18-20 AWG, Red, # 10 Stud	10
10831	18-20 AWG, Red, # 10 Stud	50
10793	14-16 AWG, Blue, # 10 Stud	10
10832	14-16 AWG, Blue, # 10 Stud	50
10794	10-12 AWG, Yellow, # 10 Stud	10
10833	10-12 AWG, Yellow, # 10 Stud	50
<b>Solderseal Butt Connectors</b>		
10795	22-24 AWG, Clear	10
10834	22-24 AWG, Clear	50
10796	18-20 AWG, Red	10
10835	18-20 AWG, Red	50
10797	14-16 AWG, Blue	10
10836	14-16 AWG, Blue	50
10798	10-12 AWG, Yellow	10
10837	10-12 AWG, Yellow	50

Multiseal Patent Numbers, Butt Connectors: US 6,838,621 B2  
US 6,677,529 B1

Terminals: US 6,666,732, B1

Solderseal Patent Numbers, Butt Connectors: US 4,883,925  
Ring and spades: US 5,137,478

Part Number	Description	Std.Pack
<b>Solderseal Slip-On Connectors</b>		
10799	18-20 AWG, Red, .250 Female	10
10838	18-20 AWG, Red, .250 Female	50
10801	18-20 AWG, Red, .250 Male	10
10840	18-20 AWG, Red, .250 Male	50
10802	14-16 AWG, Blue, .250 Female	10
10841	14-16 AWG, Blue, .250 Female	50
10804	14-16 AWG, Blue, .250 Male	10
10843	14-16 AWG, Blue, .250 Male	50
10805	10-12 AWG, Yellow, .250 Female	10
10844	10-12 AWG, Yellow, .250 Female	50
10807	10-12 AWG, Yellow, .250 Male	10
10846	10-12 AWG, Yellow, .250 Male	50
<b>Proseal Ring Terminals</b>		
10906	18-20 AWG, Red, # 6 Stud	10
10658	18-20 AWG, Red, # 6 Stud	50
10908	18-20 AWG, Red, # 10 Stud	10
10659	18-20 AWG, Red, # 10 Stud	50
10910	14-16 AWG, Blue, # 8 Stud	10
10648	14-16 AWG, Blue, # 8 Stud	50
10912	14-16 AWG, Blue, # 10 Stud	10
10649	14-16 AWG, Blue, # 10 Stud	50
10914	14-16 AWG, Blue, 1/4" Stud	10
10650	14-16 AWG, Blue, 1/4" Stud	50
10916	14-16 AWG, Blue, 3/8" Stud	10
10652	14-16 AWG, Blue, 3/8" Stud	50
10918	10-12 AWG, Yellow, # 8 Stud	10
10653	10-12 AWG, Yellow, # 8 Stud	50
10920	10-12 AWG, Yellow, # 10 Stud	10
10654	10-12 AWG, Yellow, # 10 Stud	50
10922	10-12 AWG, Yellow, 1/4" Stud	10
10655	10-12 AWG, Yellow, 1/4" Stud	50
10924	10-12 AWG, Yellow, 3/8" Stud	10
10657	10-12 AWG, Yellow, 3/8" Stud	50
<b>Proseal Spade Terminals</b>		
10926	18-20 AWG, Red, # 10 Stud	10
10665	18-20 AWG, Red, # 10 Stud	50
10928	14-16 AWG, Blue, # 10 Stud	10
10663	14-16 AWG, Blue, # 10 Stud	50
10930	10-12 AWG, Yellow, # 10 Stud	10
10664	10-12 AWG, Yellow, # 10 Stud	50
<b>Proseal Butt Connectors</b>		
10932	18-20 AWG, Red	10
10666	18-20 AWG, Red	50
10934	14-16 AWG, Blue	10
10667	14-16 AWG, Blue	50
10936	10-12 AWG, Yellow	10
10668	10-12 AWG, Yellow	50
<b>Proseal Fully Insulated Slip On</b>		
10940	18-20 AWG, Red, .250 Female	10
10669	18-20 AWG, Red, .250 Female	50
10938	18-20 AWG, Red, .250 Male	10
10672	18-20 AWG, Red, .250 Male	50
10944	14-16 AWG, Blue, .250 Female	10
10671	14-16 AWG, Blue, .250 Female	50
10942	14-16 AWG, Blue, .250 Male	10
10673	14-16 AWG, Blue, .250 Male	50

### Thin Wall Shrink Tubing 6" Long (NO ADHESIVE)

11601	Shrink Tubing, 3/16", Black	10
11602	Shrink Tubing, 3/16", Red	10
11603	Shrink Tubing, 1/4", Black	10
11604	Shrink Tubing, 1/4", Blue	10
11605	Shrink Tubing, 3/8", Black	10
11606	Shrink Tubing, 3/8", Yellow	10
11607	Shrink Tubing, 1/2", Black	10
11608	Shrink Tubing, 3/4" Black	10
11609	Shrink Tubing, 1", Black	10

### Dual Wall Shrink Tubing 6" Long (WITH ADHESIVE)

11620	Shrink Tubing, 1/8", Black	8
11621	Shrink Tubing, 1/8", Clear	8
11622	Shrink Tubing, 1/8", Red	8
11623	Shrink Tubing, 3/16", Black	8
11624	Shrink Tubing, 3/16", Clear	8
11625	Shrink Tubing, 3/16", Red	8
11626	Shrink Tubing, 1/4", Black	8
11627	Shrink Tubing, 1/4", Clear	8
11628	Shrink Tubing, 1/4", Red	8
11629	Shrink Tubing, 3/8", Black	8
11630	Shrink Tubing, 3/8", Clear	8
11631	Shrink Tubing, 3/8", Red	8
11632	Shrink Tubing, 1/2", Black	8
11633	Shrink Tubing, 1/2", Clear	8
11634	Shrink Tubing, 1/2", Red	8
11635	Shrink Tubing, 3/4", Black	8
11636	Shrink Tubing, 3/4", Clear	8
11637	Shrink Tubing, 3/4", Red	8
11638	Shrink Tubing, 1", Black	8
11639	Shrink Tubing, 1", Clear	8
11640	Shrink Tubing, 1", Red	8

# HEAT SHRINK TUBING



## Dual wall flexible heat-shrink tubing with adhesive lining

- Polyolefin, 3 to 1 shrink ratio
- Highly flexible for conforming to irregular shapes
- Self-extinguishing UL224 (except clear)
- Internal layer of thermo-plastic adhesive providing a barrier against contaminants

### 10063 Flexible Adhesive Lined Shrink Tubing Minipack

Flexible Shrink Tubing	Description	Qty
	1/8" pre-shrink I.D., 6" length, Black	5
	1/4" pre-shrink I.D., 6" length, Black	5
	3/8" pre-shrink I.D., 6" length, Black	5
	1/2" pre-shrink I.D., 6" length, Black	4
	3/4" pre-shrink I.D., 6" length, Black	3
	1" pre-shrink I.D., 6" length, Black	2



10063

**6 items and 24 pieces:**

### 10064 Flexible Adhesive Lined Shrink Tubing Kit

Flexible Shrink Tubing	Description	Qty
	1/8" pre-shrink I.D., 6" length, Black	5
	1/8" pre-shrink I.D., 6" length, Clear	3
	3/16" pre-shrink I.D., 6" length, Red	3
	3/16" pre-shrink I.D., 6" length, Black	5
	3/16" pre-shrink I.D., 6" length, Clear	2
	3/16" pre-shrink I.D., 6" length, Red	2
	1/4" pre-shrink I.D., 6" length, Black	5
	1/4" pre-shrink I.D., 6" length, Clear	2
	1/4" pre-shrink I.D., 6" length, Red	2
	3/8" pre-shrink I.D., 6" length, Black	5
	3/8" pre-shrink I.D., 6" length, Clear	2
	3/8" pre-shrink I.D., 6" length, Red	2
	1/2" pre-shrink I.D., 6" length, Black	3
	1/2" pre-shrink I.D., 6" length, Clear	2
	1/2" pre-shrink I.D., 6" length, Red	2
	3/4" pre-shrink I.D., 6" length, Black	1
	3/4" pre-shrink I.D., 6" length, Clear	1
	3/4" pre-shrink I.D., 6" length, Red	1

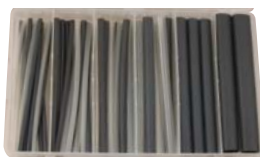


10064

**18 items and 48 pieces:**

### 10065 Flexible Adhesive Lined Shrink Tubing Kit

Flexible Shrink Tubing	Description	Qty
	1/8" pre-shrink I.D., 6" length, Black	10
	1/8" pre-shrink I.D., 6" length, Clear	10
	3/16" pre-shrink I.D., 6" length, Black	8
	3/16" pre-shrink I.D., 6" length, Clear	8
	1/4" pre-shrink I.D., 6" length, Black	6
	1/4" pre-shrink I.D., 6" length, Clear	6
	3/8" pre-shrink I.D., 6" length, Black	4
	3/8" pre-shrink I.D., 6" length, Clear	4
	1/2" pre-shrink I.D., 6" length, Black	3
	1/2" pre-shrink I.D., 6" length, Clear	3
	3/4" pre-shrink I.D., 6" length, Black	2
	3/4" pre-shrink I.D., 6" length, Clear	2



10065

**12 items and 66 pieces:**

MIL-DTL-23053/4 Class 3  
UL E157227  
Recovery temp. 250°F/121°C, Dielectric strength 700V/Mil.,  
Continuous oper. temp. -67°F to 230°F/-55°C to 110°C



## Thin wall flexible heat-shrink tubing no adhesive lining

- Polyolefin, 2 to 1 shrink ratio
- Highly flexible for conforming to irregular shapes
- Self-extinguishing UL224 (except clear)

### 10061 Thin Wall Flexible Shrink Tubing Minipack

Flexible Shrink Tubing	Description	Qty
	3/16" pre-shrink I.D., 6" length, Black	5
	3/16" pre-shrink I.D., 6" length, Red	5
	1/4" pre-shrink I.D., 6" length, Black	5
	1/4" pre-shrink I.D., 6" length, Blue	5
	3/8" pre-shrink I.D., 6" length, Black	5
	3/8" pre-shrink I.D., 6" length, Yellow	5
	1/2" pre-shrink I.D., 6" length, Black	4
	3/4" pre-shrink I.D., 6" length, Black	3
	1" pre-shrink I.D., 6" length, Black	2



10061

**9 items and 39 pieces:**

### 10062 Thin Wall Flexible Shrink Tubing Kit

Flexible Shrink Tubing	Description	Qty
	3/16" pre-shrink I.D., 6" length, Black	20
	3/16" pre-shrink I.D., 6" length, Red	15
	1/4" pre-shrink I.D., 6" length, Black	20
	1/4" pre-shrink I.D., 6" length, Blue	10
	3/8" pre-shrink I.D., 6" length, Black	10
	3/8" pre-shrink I.D., 6" length, Yellow	10
	1/2" pre-shrink I.D., 6" length, Black	10
	3/4" pre-shrink I.D., 6" length, Black	5
	1" pre-shrink I.D., 6" length, Black	3



10062

**9 items and 103 pieces:**

MIL-DTL-23053/5 Class 1 (colors) Class 2 (clear),  
UL E35506 (except clear), CSA LR31929 (except clear),  
Recovery temperature: 250°F/121°C, Dielectric strength: 900 Volts/Mil.,  
Continuous operating temperature: -67°F to 275°F/-55°C to 135°C

## UT-100Si Ultratorch®

Butane Powered Flameless Heat Tool & Soldering Iron



Portable - Butane Powered

- Features oxygen-free, copper based Ultratip™ soldering tips, with thick iron and chrome plating for long life and high thermal conductivity
- Self-ignition with push button for fast, easy starting


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