



**Electrical/Electronic Solder**

Contents	Wire Dia. (in.)	Application	Container Size	Std.	Brand	Item No.
<b>Solder Bar</b>						
0.375% Copper, 0.375% Silver, 2% Antimony, 97.25% Tin	0.250 x 0.250	Roofing, Sheet Metal	6.4 oz	RoHS Compliant	American Beauty	36JT59
50% Lead, 50% Tin	0.250 x 0.250		8 oz	RoHS Compliant	American Beauty	36JT60
<b>Solder Wire</b>						
0.5% Copper, 3.0% Silver, 96.5% Tin	0.032 in	Lead-Free Soldering	6 oz	RoHS Compliant	American Beauty	19YP69
0.5% Copper, 3.0% Silver, 96.5% Tin, Rosin Core	0.04 in	Lead Free Rework and Repair, Portable SAC 305 Alloy	125 in	IPC J STD 004, RoHS Compliant	Chemtronics	1UYD8
3% Copper, 97% Tin	0.093 in	Lead-Free Soldering	4 oz	RoHS Compliant	American Beauty	19YP70
3% Copper, 97% Tin, Acid Core	0.125 in		1 lb	EU Reach, RoHS Compliant	Harris	1UYK6
	0.031 in	Appliances, Motors, Speaker Wire, Wiring	1 lb	ASTM B-32	Harris	1UYH9
	0.062 in		1 lb	ASTM B-32	Harris	1UYK5
3% Copper, 97% Tin, Rosin Core	0.1 in		1 lb	ASTM B-32	Harris	1UYK7
	0.125 in	Motors, Repairs, Speaker Wires	1 lb	ASTM B-32	Harris	1UYK8
	0.118 in	Dissimilar Metal Joints, Vibration	1 lb	ASTM B-32, J-STD-006, NSF 51, RoHS Compliant	Harris	1UYG6
4% Silver, 96% Tin	0.125 in	Solders Exhibit Considerably Higher Than Necessary Elongation for Sound, Dissimilar Metal Joints and Vibration Applications	8 oz	ASTM B-32, J-STD-006, NSF 51, RoHS Compliant	Harris	3THF5
	0.031 in	Electrical, Small Connection	1 lb	ASTM B-32, J-STD-006	Harris	1UYH4
	0.062 in		1 lb	ASTM B-32, J-STD-006	Harris	1UYH3
	0.125 in		1 lb	ASTM B-32, J-STD-006	Harris	1UYH6
40% Lead, 60% Tin, Rosin Core	0.062 in	Auto Radiators, Metal Gutters, Sheet Metal, Tin Repairs	1 lb	ASTM B-32	Harris	1UYH8
40% Tin, 60% Lead, Acid Core	0.062 in	Appliances, Motors, Speaker Wire, Wiring	1 lb	ASTM B-32	Harris	1UYH7
40% Tin, 60% Lead, Rosin Core	0.062 in	Dissimilar Metal Joints, Vibration	1 lb	NSF 51, RoHS Compliant	Harris	1UYH1
6% Silver, 94% Tin	0.118 in		1 lb	NSF 51, RoHS Compliant, CEPA, CERCLA/SARA Title III, CSA, EPA, EPCRA/SARA Title III, EU Regulations, NFPA 51B	All-State	400H02
Copper, Silver, Tin	0.125 in	Soldering	1 lb			
<b>Solder Wire &amp; Flux Kit</b>						
4% Silver, 96% Tin	0.125 in	Low Temperature Solder	—	ASTM B-32, J-STD-006, NSF 51, RoHS Compliant	Harris	3THF6 *

\* Includes ½ oz. solder and ½ oz. flux.



**Plastic Welding Tips**

- Connection type: 1/4"-18 NPS
- For welder series 2001 FC, 2001 FCP, and model 63

Nom. Size	For Maximum Rod Diameter	Item No.
<b>Hand Welding Tip</b>		
#5	¼ in	4UZT2
<b>Speed Welding Tip</b>		
#9A	½ in	4UZT3
#9	½ in	4UZT6
#10	¾ in	4UZT4
#10A	¾ in	4UZT7
#15	1 1/8 in x ¾ in	4UZT5
<b>Tacking Tip</b>		
#4	—	4UZT1



**Plastic Welders**

Weld most thermoplastics such as polypropylene, PVC, and ultra-high molecular weight polyethylene (UHMW).



Series	Includes	Item No.
<b>Plastic Welding Kits</b>		
FC	500 Watt 120 Volt Element, Air Filter, Gauge, Regulator, Variable Heat Control, Pressure Switch, Automatic Speed Tip for ¼ in and ½ in Diameter Welding Rod, Tacking Tip, Tray, Carrying Case and How to Weld Guide Book	4UZR8
63	500 Watt 120 Volt Element, Air Filter, Gauge, Regulator, Round Tip, Tray and Welder Guide Book	4UZR7
63	500 Watt 120 Volt Element, Air Filter, Gauge, Regulator, Round Tip, Tacking Tip, Tray, Carrying Case and Welder Guide Book	4UZR6
<b>Plastic Welding Kit with Air Compressor</b>		
FCP	500 Watt 120 Volt Element, Compressor, Variable Heat Control, Automatic Speed Tip for ¼ in and ½ in Diameter Welding Rod, Tray, Carrying Case and How to Weld Guide Book	4UZR9



USASEALING

**Plastic Welding Rods**

Rods supply filler material for joining or repairing parts in plastic welding applications.



Overall Dia.	Color	Weight	For Maximum Material Thickness	Operating Temp. Range to	Brand	Item No.
<b>ABS</b>						
½ in	Black	1 lb	½ in	650 °F to 725 °F	Seelye	4UZW5
½ in	Off-White	1 lb	½ in	650 °F to 725 °F	Seelye	4UZW8
½ in	White	1 lb	½ in	650 °F to 725 °F	Seelye	4UX2
¾ in	Black	1 lb	¾ in	650 °F to 725 °F	Seelye	4UZW6
¾ in	Off-White	1 lb	¾ in	650 °F to 725 °F	Seelye	4UZW9
¾ in	White	1 lb	¾ in	650 °F to 725 °F	Seelye	4UX3
¾ in	Black	1 lb	½ in	650 °F to 725 °F	Seelye	4UZW7
¾ in	White	1 lb	½ in	650 °F to 725 °F	Seelye	4UX4
<b>Acetal Copolymer</b>						
½ in	Black	1 lb	½ in	550 °F to 625 °F	Seelye	4UZ24
¾ in	Black	1 lb	¾ in	550 °F to 625 °F	Seelye	4UZ25
¾ in	Black	1 lb	½ in	550 °F to 625 °F	Seelye	4UZ26
<b>Acrylic</b>						
¾ in	Clear	5 lb	¾ in	605 °F to 700 °F	Usa Sealing	784R27
¾ in	Clear	10 lb	¾ in	605 °F to 700 °F	Usa Sealing	784R28
¾ in	Clear	15 lb	¾ in	605 °F to 700 °F	Usa Sealing	784R29
<b>CPVC</b>						
½ in	Gray	1 lb	½ in	900 °F to 1,000 °F	Seelye	4UX25
¾ in	Gray	1 lb	¾ in	900 °F to 1,000 °F	Seelye	4UX26
¾ in	Gray	1 lb	½ in	900 °F to 1,000 °F	Seelye	4UX27
¾ in	Gray	15 lb	¾ in	640 °F to 680 °F	Usa Sealing	784PW8
<b>HDPE</b>						
½ in	Black	1 lb	½ in	500 °F to 600 °F	Seelye	4UZ28
½ in	Off-White	1 lb	½ in	500 °F to 600 °F	Seelye	4UZ29
¾ in	Black	1 lb	¾ in	500 °F to 600 °F	Seelye	4UZ29V
¾ in	Off-White	1 lb	¾ in	500 °F to 600 °F	Seelye	4UZ29W
¾ in	Black	1 lb	½ in	500 °F to 600 °F	Seelye	4UZ29X
¾ in	Off-White	1 lb	½ in	500 °F to 600 °F	Seelye	4UZ29Y
¾ in	White	5 lb	¾ in	570 °F to 610 °F	Usa Sealing	784R63
¾ in	White	10 lb	¾ in	570 °F to 610 °F	Usa Sealing	784R64
¾ in	White	15 lb	¾ in	570 °F to 610 °F	Usa Sealing	784R65

Overall Dia.	Color	Weight	For Maximum Material Thickness	Operating Temp. Range to	Brand	Item No.
<b>HMWPE</b>						
¾ in	Black	1 lb	¾ in	900 °F to 1,000 °F	Seelye	4UZW4
¾ in	Off-White	1 lb	¾ in	900 °F to 1,000 °F	Seelye	4UZW3
<b>LDPE</b>						
½ in	Black	1 lb	½ in	500 °F to 550 °F	Seelye	4VDA9
½ in	Off-White	1 lb	½ in	500 °F to 550 °F	Seelye	4VDA6
¾ in	Black	1 lb	¾ in	500 °F to 550 °F	Seelye	4VDC1
¾ in	Off-White	1 lb	¾ in	500 °F to 550 °F	Seelye	4VDA8
<b>Polycarbonate</b>						
¾ in	Off-White	5 lb	¾ in	660 °F to 675 °F	Usa Sealing	784R15
¾ in	Off-White	10 lb	¾ in	660 °F to 675 °F	Usa Sealing	784R16
¾ in	Off-White	15 lb	¾ in	660 °F to 675 °F	Usa Sealing	784R17
<b>Polypropylene</b>						
½ in	Black	1 lb	½ in	550 °F to 625 °F	Seelye	4UZ22
½ in	Off-White	1 lb	½ in	550 °F to 625 °F	Seelye	4UZ23
¾ in	Black	1 lb	¾ in	550 °F to 625 °F	Seelye	4UZ24
¾ in	Off-White	1 lb	¾ in	550 °F to 625 °F	Seelye	4UZ25
¾ in	White	1 lb	¾ in	550 °F to 625 °F	Seelye	4UZ26
¾ in	Black	1 lb	½ in	550 °F to 625 °F	Seelye	4UZ27
¾ in	Off-White	1 lb	½ in	550 °F to 625 °F	Seelye	4UZ28
<b>Polyurethane</b>						
¾ in	Off-White	1 lb	¾ in	500 °F to 650 °F	Seelye	4UZ22
¾ in	Clear	10 lb	¾ in	570 °F to 650 °F	Usa Sealing	784R52
¾ in	Clear	15 lb	¾ in	570 °F to 650 °F	Usa Sealing	784R53
<b>PVC</b>						
½ in	Gray	1 lb	½ in	550 °F to 625 °F	Seelye	4UZ22
½ in	White	1 lb	½ in	550 °F to 625 °F	Seelye	4UZ28
¾ in	Gray	1 lb	¾ in	550 °F to 625 °F	Seelye	4UZ29
¾ in	White	1 lb	¾ in	550 °F to 625 °F	Seelye	4UZ29V
¾ in	White	15 lb	¾ in	625 °F to 660 °F	Usa Sealing	784PV2
¾ in	Gray	1 lb	½ in	550 °F to 625 °F	Seelye	4UZ24
¾ in	White	1 lb	¾ in	625 °F to 660 °F	Usa Sealing	784PV3
¾ in	White	5 lb	¾ in	625 °F to 660 °F	Usa Sealing	784PV4
¾ in	White	10 lb	¾ in	625 °F to 660 °F	Usa Sealing	784PV5
<b>PVDF</b>						
½ in	Off-White	1 lb	½ in	900 °F to 1,000 °F	Seelye	4UX28
¾ in	Off-White	1 lb	¾ in	900 °F to 1,000 °F	Seelye	4UX29
¾ in	Off-White	1 lb	½ in	900 °F to 1,000 °F	Seelye	4UZ21
<b>UHMW Polyethylene</b>						
¾ in	White	15 lb	¾ in	900 °F to 1,000 °F	Usa Sealing	784PD1
¾ in	White	5 lb	¾ in	900 °F to 1,000 °F	Usa Sealing	784PD2
¾ in	White	15 lb	¾ in	900 °F to 1,000 °F	Usa Sealing	784PD4