

Thermo-Shrink® UF Splice Kits

- Direct burial rated, UV resistant
- 14/3 with and without ground through 8/3 without ground, UF cable range
- Stretcher kit repairs a 7 in. to 10 in. section damaged or destroyed by a trencher
- 600V Maximum, 105°C rating
- Meets the requirements of the 2002 NEC Code 110-14(b) and UL486D
- One wire per fitting



Description	Part No.
UF Splice Kit - 14-8 AWG, Tubing 1.1 in. x 8 in.	46-400
UF Stretcher Kit* - 14-8 AWG, Tubing 1.1 in. x 18 in.	46-410

*Stretcher kit connector is 11.5 in.

Thermo-Shrink® Al/Cu Splice Kits

- Direct burial rated, underground splice kits
- Heavy-wall heat shrink tubing with adhesive liner provides complete insulation and protection
- Connector can be used for aluminum and/or copper cable
- Meets the requirements of the 2005 NEC Code 110-14(B)
- 600V maximum, 105°C rating
- UV resistant



Description	Part No.
Underground Splice Kit - 8 to 4 AWG, Tubing 3/4 in. x 6 in.	46-401
Underground Splice Kit - 4 AWG to 1/0, Tubing 1.1 in. x 8 in.	46-402
Underground Splice Kit - 1/0 to 250 KCMIL, Tubing 1-1/2 in. x 12 in.	46-403

Thermo-Shrink® Self-Sealing UF Splice Kit

- Fully waterproof, submersible and re-enterable to make future changes or repairs
- Meets the requirements of the 2002 NEC Code 110-14 (b) and UL486D
- Accommodates 14 to 10 AWG wire range
- 600V Maximum, 105°C rating



Description	Part No.
Self Sealing UF Splice Kit	46-411

Thermo-Shrink® Copper Butt Splice Kits

- UL Listed
- UV resistant
- Provides a fully-insulated butt splice
- 600V Maximum, 105°C rating
- Not rated for direct burial



Description	Part No.
Butt Splice Kit - Copper 14-8 AWG	46-404
Butt Splice Kit - Copper 8-2 AWG	46-405

Thermo-Shrink® Heat Shrink Kit



Description	Part No.
Thermo-Shrink® Heat Shrink Kit	46-007
Kit Includes:	Part No.
HEAT ELITE PRO™ Heat Gun	46-203
3/64 in. Heat Shrinkable Tubing (4 ft. disk)	46-600
1/16 in. Heat Shrinkable Tubing (4 ft. disk)	46-601
3/32 in. Heat Shrinkable Tubing (4 ft. disk)	46-602
1/8 in. Heat Shrinkable Tubing (4 ft. disk)	46-603
3/16 in. Heat Shrinkable Tubing (4 ft. disk)	46-604
1/4 in. Heat Shrinkable Tubing (4 ft. disk)	46-605
5/16 in. Heat Shrinkable Tubing (4 ft. disk)	46-606
3/8 in. Heat Shrinkable Tubing (4 ft. disk)	46-607
1/2 in. Heat Shrinkable Tubing (4 ft. disk)	46-608
3/4 in. Heat Shrinkable Tubing (4 ft. disk)	46-609
1 in. Heat Shrinkable Tubing (4 ft. disk)	46-610
Small Deflector, 1-1/4 in. diameter	46-941
Premium T®-Cutter Wire Cutter	45-123

Thermo-Shrink® Thin-Wall Heat Shrinkable Tubing

- Polyolefin material electrically insulates and protects in-line components, disconnect terminals and splices with its high strength and excellent resilience
- Use to bundle wires for very flexible light-duty harnesses
- Highly flame-retardant and flexible; resistant to common fluids and solvents
- Meets UL 224, CSA 22.2 125°C VW-1 600V; Material: No PBB's, PBBE's
- 2:1 shrink ratio; Minimum shrink temperature: 70°C; Operating temperature: -55°C to +125°C
- RoHS compliant
- UV resistant



CAUS
E236137

CS
242540

Normal Size (in.)	Expanded I.D. (Min.) (in.)	Nominal Recovered I.D. (Max.) (in.)	Recovered Wall Thickness +/- 10%	Cable Range AWG*	Length (Pkg.)	Part No.
3/64	.047/1.2	0.024"/0.6mm	0.013"/0.33mm	22-18	4 ft. (Disk)	46-600
1/16	.063/1.6	0.031"/0.8mm	0.014"/0.36mm	16		46-601
3/32	.094/2.4	0.047"/1.2mm	0.017"/0.44mm	14-12		46-602
1/8	.126/3.2	0.063"/1.6mm	0.017"/0.44mm	24-20	6 in. (Bag)	46-310
					4 ft. (Disk)	46-603
3/16	.189/4.8	0.094"/2.4mm	0.020"/0.56mm	20-14	6 in. (Bag)	46-313
					4 ft. (Disk)	46-604
1/4	.251/6.4	0.126"/3.2mm	0.022"/0.56mm	14-8	6 in. (Bag)	46-316
					4 ft. (Disk)	46-605
					500 ft. (Spool)	46-318
5/16	.315/8.0	0.157"/4.0mm	0.022"/0.56mm	10-6	4 ft. (Disk)	46-606
3/8	.374/9.5	0.185"/4.7mm	0.022"/0.56mm	8-4	6 in. (Bag)	46-319
					4 ft. (Disk)	46-607
					200 ft. (Spool)	46-321
1/2	.5/12.7	0.252"/6.4mm	0.026"/0.65mm	4-1	6 in. (Bag)	46-322
					4 ft. (Disk)	46-608
					200 ft. (Spool)	46-324
3/4	.751/19.1	0.374"/9.5mm	0.027"/0.80mm	2-250 MCM	6 in. (Bag)	46-325
					4 ft. (Disk)	46-609
					200 ft. (Spool)	46-327
1	1/25.4	0.500"/12.7mm	0.031"/0.90mm	2/0-500 MCM	6 in. (Bag)	46-328
					4 ft. (Disk)	46-610
					100 ft. (Spool)	46-330

*Reference only - Consult the wire manufacturer's catalog for specific O.D. of wire and insulation.

CAUS

Specifications

Property	Test Method	Typical Data
Tensile strength	ASTM D 638	14MPa
Elongation at break	ASTM D 638	600%
Elongation after aging at 175°C for 168 hours	UL 224	350%
Flammability	UL 224 VW-1	Pass
Heat shock (250°C/4 hours)	UL 224	No cracking
Cold bend test (-55°C/4 hours)		No cracking
Dielectric strength	ASTM D 150	20KV/mm
Volume resistance	ASTM D 876	1014Ωcm
Copper corrosion	UL 224	Pass
Chemical resistance		Pass
Longitudinal shrinkage		0±5%
Eccentricity		30%