



Splice Kits/Heat Shrink Tubing

EPCO Splice Kits offer the quickest, most reliable, and water-resistant solution for repairing cut or damaged underground electrical cables.

Designed for direct burial, these kits (with Heat Shrink Tubing) provide a permanent, water-resistant seal for copper or aluminum conductors, preventing internal deterioration and cable failure.

With five configurations, EPCO Splice Kits handle 90% of job site repairs. Each kit includes a rustproof brass or aluminum connector (single or multi-port for line splicing).

Installation is simple: heat the Heat Shrink Tubing over the spliced connector for a dirt and moisture-proof seal.

TYPICAL CABLE TYPES TO BE REPAIRED

- Underground Service Entrance (USE) Cable.
- Underground Feeder (UF) Cable.
- Underground Residential Distribution Conductor Cable.
- Fiber Optic Cable. (Note: Single Mode or Multi-Mode Connectors not supplied by EPCO. Contact your local Distributor for these connectors.)
- Single Mode or Multi-Mode Connectors not supplied by EPCO. Contact your local Distributor.
- Suitable for use with EPCO Heat Shrink Tubing (HST) with heat-activated adhesive on the inside to complete and make the seal water-resistant to provide a fully insulated and environmental protected circuit.

SINGLE WIRE CONDUCTORS BSK AND DRBSK SERIES

To repair a discrete, single wire conductor, only a standard flat-blade screwdriver is required for part numbers DRBSK and DRBSK1 or the appropriate size HEX head tool for part number DRBSK3 when a larger mechanical aluminum connectors is required to connect and a terminate copper or aluminum wire.

UF CABLE MULTIPLE WIRE CONDUCTORS: UF SPLICE KITS AND UF STRETCHER KITS

To repair Underground Feeder (UF) Cable using multiple conductors, a cylindrical connector is used which includes four (4) brass connectors with terminating set screws enclosed in the connector. Only a standard flat-blade screwdriver is required.

SPLICE KITS COMMONALITIES

- UL Listed for direct burial.
- 600 Volts maximum, 221°F (105°C) temperature rating.
- A dielectric lubricant is used in combination with EPCO Splice Kits to insulate, repel moisture, prevent corrosion and encapsulate electrical connections.
- Meets the requirements of the 2023 National Electrical Code: Articles 110.14 (B), 300.5 (C)(E).

RECOMMENDATION

Every Electrical Contractor should carry some type of Splice Kit and a variety of Heat Shrink Tubing sizes. When compared against other competitive offering, virtually 90% of job site repairs can be completed using an EPCO Splice Kit that seals out moisture and prevents corrosion in above-ground and direct-burial applications.



UF Cable Splice Kit



Heat Shrink Tubing



UF Cable Splice Kit

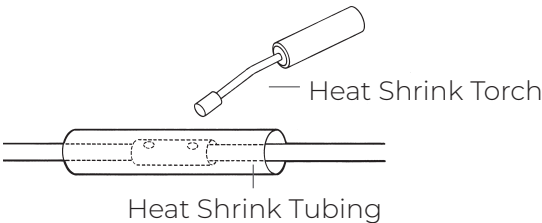
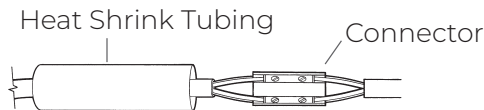
- UL Listed for direct burial. File Number: E123896.
- Labor Savings! Obsoletes messy, two part Splice Kits.
- Accommodates UF Cables sizes: 14/3 without ground minimum, 8/3 without ground maximum.
- 600 Volts maximum, 221°F (105°C) temperature rating.
- Meets the requirements of the 2023 National Electrical Code: Articles 110.14(B), and 300.5(C)(E).

The UF Cable Splice Kit includes one (1) 4-position mechanical connector and one (1) piece of heat shrink tubing to splice and insulate 14 AWG to 8 AWG UF Cable.

By using Thick Wall Heat Shrink Tubing with sealant and the mechanical connector, the repair of UF Cable is a quick, easy and reliable process. No epoxies, tape or separate mastics are required.



BEFORE



AFTER



Part Number	UPC Number	Description	Order Unit	Unit Qty	Unit Pkg	Units/ Case	TL Case Qty	Min Order Qty	MM Req	Ship Wt (Lbs)
UFC2B	10711	Accommodates Cable Sizes 14/3 to 8/3 Maximum	EA	1	BG	24	24	1	No	2

UNITS OF MEASURE KEY
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UF Cable Splice Kit

- UL Listed for direct burial. File Number: E123896.
- Labor Savings! Includes one 11.5" mechanical connector that eliminates the need to use two (2) UF Cable Splice Kits (P/N: UFC2B) and a short piece of cable when repairing a longer section of damaged UF Cable.
- 600 Volts maximum, 221°F (105°C) temperature rating.
- Meets the requirements of the 2023 National Electrical Code: Articles 110.14(B), and 300.5(C)(E).



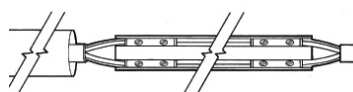
UFS2



Simplify UF Cable repairs after a trencher or backhoe has damaged or destroyed a 7" to 10" section of UF Cable. Utilize our Thick Wall Heat Shrink Tubing with sealant to make a quick and reliable repair. Eliminates epoxies, tapes or separate mastics and creates a waterproof splice. The kit includes one (1) 4-position 11.5" connector and one (1) piece of heat shrink tubing. Designed to splice and insulate 14 AWG to 8 AWG UF Cable.



BEFORE



AFTER

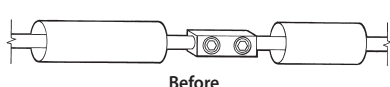
Part Number	UPC Number	Description	Order Unit	Unit Qty	Unit Pkg	Units/ Case	TL Case Qty	Min Order Qty	MM Req	Ship Wt (Lbs)
UFS2	10714	Accommodates Cable Sizes 14/3 to 8/3 Maximum	EA	1	BG	24	24	1	No	3

Dual Rated Butt Splice Kits

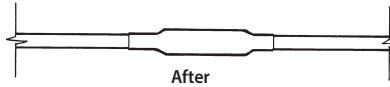
- Although crimping is the most commonly used methods of wire splicing and termination, our Dual-Rated Butt Splice Kits eliminated expensive crimping tools when splicing aluminum or copper conductors for direct burial.
- UL Listed components.
- 600 Volts maximum, 221°F (105°C) temperature rating.
- For use with aluminum and copper conductors.
- Meets the requirements of the 2023 National Electrical Code: Articles 110.14(B), and 300.5(C)(E).



DRBSK



Before



After

Part Number	UPC Number	Description	Order Unit	Unit Qty	Unit Pkg	Units/ Case	TL Case Qty	Min Order Qty	MM Req	Ship Wt (Lbs)
DRBSK	11499	Includes one (1) Dual Rated Connector - 4 AWG to 8 AWG; Two (2) pieces of Heat Shrink Tubing	EA	1	BG	24	24	1	No	3
DRBSK1	11500	Includes one (1) Dual Rated Connector - 2 AWG to 1/0 AWG; Two (2) pieces of Heat Shrink Tubing	EA	1	BG	24	24	1	No	3
DRBSK3	11501	Includes one (1) Dual Rated Connector - 2/0 AWG to 250 MCM; Two (2) pieces of Heat Shrink Tubing	EA	1	BG	24	24	1	No	3

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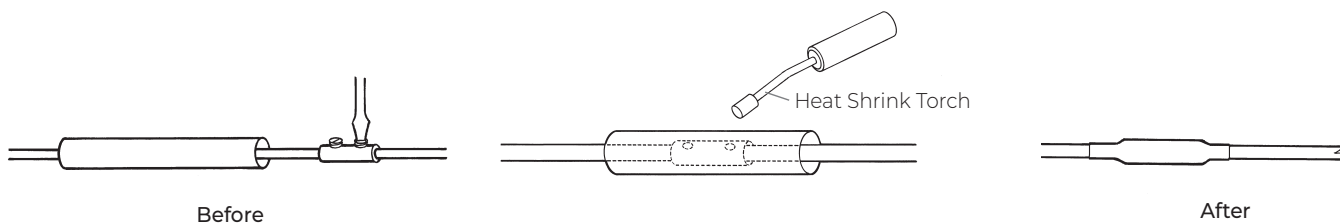
Copper Butt Splice Kits

- UL Listed. File Number: E103228.
- Labor Savings! Designed to simplify splicing discreet copper conductors.
- Sizes: 14 AWG to 2 AWG.
- BSK series is rated for 600 Volts maximum, 221°F (105°C) temperature rating.
- Meets the requirements of the 2023 National Electrical Code: Articles 110.14(B), and 300.5(C)(E). Meets the requirements of the 2023 National Electrical Code: Articles 110.14(B), and 300.5(C)(E).

BSK Splice Kits include a "Copper" Butt Splice Connector and Thick Wall Heat Shrink Tubing to create a fully insulated and protected butt splice.



BSK1



Part Number	UPC Number	Description	Order Unit	Unit Qty	Unit Pkg	Units/ Case	TL Case Qty	Min Order Qty	MM Req	Ship Wt (Lbs)
DRBSK	11499	Includes one (1) Dual Rated Connector - 4 AWG to 8 AWG; Two (2) pieces of Heat Shrink Tubing	EA	1	BG	24	24	1	No	3
DRBSK1	11500	Includes one (1) Dual Rated Connector - 2 AWG to 1/0 AWG; Two (2) pieces of Heat Shrink Tubing	EA	1	BG	24	24	1	No	3
DRBSK3	11501	Includes one (1) Dual Rated Connector - 2/0 AWG to 250 MCM; Two (2) pieces of Heat Shrink Tubing	EA	1	BG	24	24	1	No	3

SPLICE KITS AWG CHART

Copper Butt Splice Kits	AWG		Dual Rated Butt Splice Kits	Logical AWG Number	AWG and "Aught" #/0 Equivalent	MCM or kcmil
BSK1 BSK2	14		DRBSK	8	8	17
	13			7	7	21
	12			6	6	26
	11			5	5	33
	10			4	4	42
	9			2	2	66
	8	8	DRBSK1	1	1	84
BSK3 BSK4		7		0	1/0	106
		6		-1	2/0	133
		5	DRBSK3	-2	3/0	168
		4		-3	4/0	212
		3		-3.7	4.7/0	250
		2				

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Heat Shrink Tubing

- Our Heat Shrink Tubing (HST) internal coating includes a adhesive and sealant; when the HST is heated, it provides a water-resistant seal to protect the mechanical splice from dirt and moisture. The standard color is black.
- Installs and shrinks easily for labor savings. Most effective when insulating over large transitions.
- 3:1 Shrink ratio accommodates larger cable size ranges.
- Excellent abrasion, corrosion and environmental resistance properties.
- UV and fungi resistant to protect the HST from surface fungus growth and obscure cable identification.
- Heat Shrink Tubing can be purchased in bulk. Available in pre-cut lengths from 4" to 48" lengths and quoted per inch.
- Meets the requirements of the 2023 National Electrical Code: Articles 110.14(B), and 300.5(C)(E).



P/N: HST300650
P/N: HST23/0
P/N: HST84
P/N: HST1410

Part Number	UPC Number	Description	Order Unit	Unit Qty	Unit Pkg	Units/ Case	TL Case Qty	Min Order Qty	MM Req	Ship Wt (Lbs)
HST1410	10170	Conductor Size - 14 AWG to 10 AWG, Shrink Range - .36" to .12"; Includes six (6) 8" pieces per package	EA	6	BG	12	72	6	Yes	5
HST84	10171	Conductor Size - 6 AWG to 2 AWG, Shrink Range - .75" to .24"; Includes six (6) 8" pieces per package	EA	6	BG	12	72	6	Yes	7
HST23/0	10172	Conductor Size - 1/0 AWG to 3/0 AWG, Shrink Range - 1.10" to .35"; Includes six (6) 8" pieces per package	EA	6	BG	12	72	6	Yes	9
HST2/0300	10173	Conductor Size - 2/0 AWG to 350 MCM, Shrink Range - 1.50" to .47"; Includes four (4) 8" pieces per package	EA	4	BG	12	48	4	Yes	10
HST300650	10174	Conductor Size - 250 MCM to 500 MCM, Shrink Range - 2.0" to .63"; Includes three (3) 12" pieces per package	EA	3	BG	12	36	3	Yes	13

Bulk Heat Shrink Tubing Part Number Configurator

Example Part Number

E00-902-006

Conductor Size

901 = 1 AWG / 3/0 AWG
902 = 14 AWG / 10 AWG
903 = 6 AWG / 2 AWG
904 = 2/0 AWG / 350 MCM
905 = 250 MCM / 500 MCM

Length

006 = 6 inches | 008 = 8 inches
009 = 9 inches | 010 = 10 inches
012 = 12 inches | 024 = 24 inches
030 = 30 inches | 048 = 48 inches

Custom lengths are also available. Please specify the length by adding the correct length in inches to the end of the part number.
Example: One (1) 13" piece of 14 AWG to 10 AWG tubing; E00-902-013.

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HEAT SHRINK TUBING DIMENSIONS

Part Number	Expanded		Recovered				Application Range for General Use		600/1000 V Single Conductor Size
	Internal Diameter (MIN) D		Internal Diameter (MAX) d		Wall Thickness (NOM) W				
	Inches	MM	Inches	MM	Inches	MM	Inches	MM	AWG/MCM
HST1410	0.35	8.9	0.12	3.0	0.07	1.8	.15-.3	3.5-8	#14-#10
HST84	0.75	19.1	0.24	6.1	0.12	3.0	.25-.65	6.5-16.5	#6-#2
HST23/0	1.10	27.9	0.35	8.9	0.12	3.0	.4-.95	10/24	#1-3/0
HST2/0300	1.50	38.1	0.47	11.9	0.14	3.6	.5-1.4	13-35	2/0-350
HST300650	2.0	50.8	0.63	16	0.14	3.6	.70-1.75	17.5-44	250-500

HEAT SHRINK TUBING SPECIFICATIONS

Physical		Electrical		Chemical		Adhesive	
Tensile Strength	2100 psi (14.5 MPa)	Dielectric Strength	500V/Mil (20kV/mm)	Fluid Resistance	Good to Excellent	Adhesive Softening Point	197°F (92°C) +/- 41°F (5°C)
Specific Gravity	1.1	Volume Resistivity	10 ¹⁶ ohm-cm	Copper Corrosion	No Corrosion	Adhesive Lap Shear	125 psi (0.875 MPa)
Heat Shock (4 hrs at 437°F (225°C))	No cracking or flowing	Dielectric Voltage Withstand (2500 V, 60 Hz, 1 min)	No breakdown, 24kV-1 min, 15kV-4 hrs	Water Absorption	0.1%	Adhesive Blocking (86°F (30°C))	No blocking
Low Temperature Flexibility (4 hrs at -67°F (-55°C))	No cracking			Fungus Resistance	No Growth	Water Penetration	No penetration after 236 hrs (min) of continuous immersion

Heat Shrink Torch

- Recommended for shrinking Heat Shrink Tubing and for use with all our Splice Kits. The trigger-start ignition starts fast and easy. Features a fully adjustable regulator valve and air inlet port for adjustable flame settings.
- Connects directly to a standard 14.1 oz. propane tank (not included).



HST-T1

Part Number	UPC Number	Description	Order Unit	Unit Qty	Unit Pkg	Units/Case	TL Case Qty	Min Order Qty	MM Req	Ship Wt (Lbs)
HST-T1	12200	Heat Shrink Torch	EA	1	BX	20	20	1	No	2

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