

# SPLICE KITS

## 82-A Inline Splice Kit

SEE BELOW

Use the 82-A kit to insulate and seal single conductor unshielded wet or dry cable splices through 5 kilovolts and multiple conductor cables through 1 kilovolt. UL Listed for direct burial and submerged applications up to 600 volts and 90°C. For use with UL Listed connectors only.

Connector is not included, order separately. Each kit makes one splice. The Kit includes one snap-together mold body, two funnels, two pieces of tape for sealing mold ends and connector area and one bag of Scotchcast™ 4 Resin.

Part No.	Max Cable O.D.	Conductor Size	Max Connector O.D.
82-A	0.750 in (19 mm)	10-2 AWG (6-30 mm 2)	0.406 in (10 mm)
82-A1	0.625 in (16 mm)	2 AWG (30 mm 2)	0.406 in (10 mm)
82-A2	1.000 in (25 mm)	2-3/0 AWG (35-80 mm 2)	0.625 in (16 mm)
82-A3	1.563 in (40 mm)	3/0-400 kcmil (95-200 mm 2)	1.000 in (25 mm)



## 82-F1 and 82-F2 Inline Splice Kits

SEE BELOW

These kits are used for unshielded wet or dry portable power cables and cords with copper conductors. These molds are removable and reusable. The Kits are rated up to 5 kilovolts for single conductor and up to 1 kilovolts (600/2000 volts. mine portable cable) for multiple conductors.

Each kit makes one splice. The kit includes, one clam shell mold body, two pieces of tape for sealing mold ends and connector area, one bag of Scotchcast™ 2130 resin and one abrasive cloth strip.

Part No.	Max Cable O.D.	Conductor Size	Max Connector O.D.
82-F1	0.25 in - 0.80 in	6-1/0 AWG (16-50 mm 2)	0.62 in Connector 0.90 in Bundle
82-F2	0.80 in - 1.20 in	2/0-4/0 AWG (70-95 mm 2)	0.82 in Connector 1.30 in Bundle
82-BF1*	0.25 in. - 0.80 in	Up to 1/0	

\*"Y" Splice Kit



## 4 Electrical Insulating Resin

SEE BELOW

Scotchcast™ 4 resin is a two-part epoxy insulating and encapsulating resin to splice solid dielectric and oil-filled cables up to 8 kilovolts. Flash point: 300° F (149°- C) or higher. Scotchcast™ is a permanent, rigid, hard material insulating up to 8 kilovolts jacketing up to 69 kilovolts epoxy. Gel Time at 73° F (23° C) is approximately 16 minutes and energize time is 45 minutes. Color is Black. Used in 82-A and 82-B1 Splicing Kits.

Part No.	Sizes
SCOTCHCAST-4A	3.2 oz (4.8 in 3)
SCOTCHCAST-4B	7.4 oz (11.2 in 3)
SCOTCHCAST-4C	14.7 OZ (22.3 in 3)



## 2130 Compound

SEE BELOW

Scotchcast™ 2130 Flame Retardant Electrical Insulating Compound is flexible, 5 kilovolts maximum permanent urethane resin. Gel Time at 73° F (23° C) is approximately 15 minutes and Energize Time is immediately. Maximum operating temperature is 194 °F (90° C) continuous. Color is Black. Used in 82-F1 and 82-F2 Splicing Kits. Flame retardant and with a MSHA approval number P-142-5.

Part No.	Sizes
2130-B	7.6 oz (23.7 in3)
2130-C	21.7 oz (30.5 in 3)

