

Data Sheet



82-A and 82-B1 Series Inline Resin Splice Kits for 1 and 5 kV

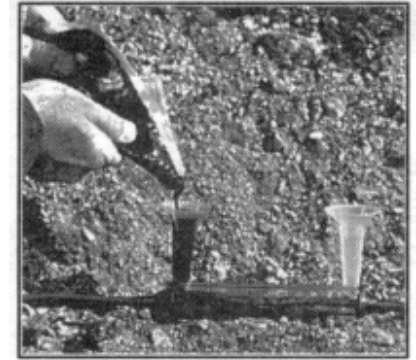
Use the 3M Scotchcast 82-A and 82-B1 series kits to insulate and seal single conductor, unshielded cable splices through **5 kV** and multiple conductor cables through **1 kV**. 82-A is for inline splices and the 82-B1 is for Wye splices.

Each kit contains:

- Snap-together mold body
- 2 Funnels
- Tape for sealing mold ends and connector area
- Scotchcast 4 electrical insulating resin in a Unipack container

Each kit makes one splice

**The 82-A series is UL Listed 486D, File Number E102356.
Cu or Al connectors are not included, order separately.**



| Product | UPC | Conductor Size* | Maximum Cable O.D. | Maximum Connector O.D. Sleeve Type | Inner Unit Pack | Case Qty. |
|---------|-------|---|--------------------|------------------------------------|-----------------|-----------|
| 82-A | 25016 | 10 - 2 AWG (6 to 30 mm ²) | 0.750" (19 mm) | 0.406" (10 mm) | 1/box | 10 |
| 82-A1 | 25024 | Up to 2 AWG (30 mm ²) | 0.625" (16 mm) | 0.406" (10 mm) | 1/box | 10 |
| 82-A2 | 25032 | 2 to 3/0 AWG (35-80 mm ²) | 1.000" (25 mm) | 0.625" (16 mm) | 1/box | 10 |
| 82-A3 | 25040 | 3/0-400kcmil** (95-200 mm ²) | 1.563" (40 mm) | 1.000" (25 mm) | 1/box | 10 |
| 82-B1 | 25057 | up to 2 AWG (30 mm ²) | 0.625" (16 mm) | - | 1/box | 10 |

*Important: Use insulation jacket or connector O.D. for final ordering criteria.
** 500 kcmil when using a scotchlock 10014 copper compression connector.

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