

1 kV to 5 kV Non-Shielded Resin Splices

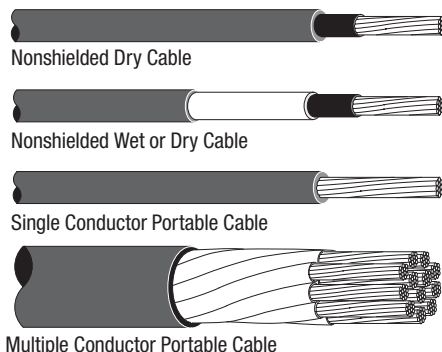
3M™ Scotchcast™ Inline Resin Splice Kit 82-A Series



Use the 3M Scotchcast Inline Resin Kit 82-A Series to insulate and seal single conductor, unshielded cable splices through 5 kV and multiple conductor cables through 1 kV.

The 82-A series is UL Listed 486D,

File Number E102356. Connector is not included, order separately. Each kit makes one splice.



3M Scotchcast Inline Resin Kit 82-A Series Selection

Product Series	UPC (054007-)	Maximum Cable O.D.	Maximum Connector O.D.	Conductor Size*	Inner Pack	Case Qty.
Non-Shielded Dry Cable, 5 kV, Nonshielded Wet or Dry Cable, 5 kV, Single Conductor Cable to 1000 Volt, Multiple Conductor, to 1000 Volt, Cable See above for cable type illustrations.						
82-A	25016	0.750" (19 mm)	0.406" (10 mm)	10-2 AWG (6-30 mm ²)	1/box	10
82-A1	25024	0.625" (16 mm)	0.406" (10 mm)	Up to 2 AWG (30 mm ²)	1/box	10
82-A2	25032	1.000" (25 mm)	0.625" (16 mm)	2-3/0 AWG (35-80 mm ²)	1/box	10
82-A3	25040	1.563" (40 mm)	1.000" (25 mm)	3/0-400 kcmil** (95-200 mm ²)	1/box	10

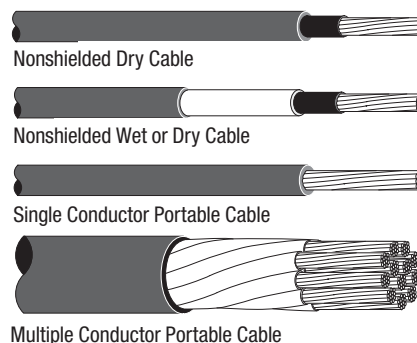
* Important: Use insulation jacket or connector O.D. for final ordering criteria.
** 500 kcmil when using a Scotchlok 10014 copper compression connector.

3M™ Scotchcast™ Wye Resin Splice Kit 82-B1



3M Scotchcast Wye Resin Splice Kit 82-B1 is designed to insulate and seal wye splices for compression tap connectors (e.g., C-tap or H-tap) rated for cables up to 5 kV.

Use on nonshielded cables through 5 kV and on multiple conductor cables through 1 kV. Each kit makes one splice.



3M Scotchcast Wye Resin Splice Kit 82-B1 Selection

Product Series	UPC (054007-)	Voltage Rating	Maximum Connector		Cable O.D.	Inner Pack	Case Qty.
			Split Bolt	Crimped			
Non-Shielded Dry Cable, Nonshielded Wet or Dry Cable, Single Conductor Cable, Multiple Conductor to 1000 Volt Cable. See above for cable type illustrations.							
82-B1	25057	5 kV Single Conductor 1 kV Multiple Conductor	4 AWG	2 AWG	0.250-0.625" (6-16 mm)	1/box	10

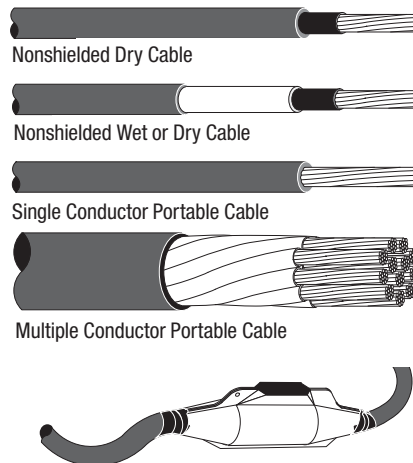
1/C, 5 kV, Non-Shielded Resin Splices & Multi/C, 1kV, Non-Shielded Resin Splices

3M™ Scotchcast™ Inline Splice Kit for Flexible Power Cable 82-F1 and 82-F2

3M Scotchcast Kits 82-F1 and 82-F2 are for use on unshielded, portable power cables. The kits are rated up to 5 kV for single conductor and up to 1 kV for multiple conductors. The kits are designed to be used with inline compression connectors.

The Scotchcast kits 82-F series are permanent splices as assigned by the Mine Safety and Health Administration (P-142-5 MSHA).

Connectors are not included, order separately.



3M™ Scotchcast™ Kit 82-F1 and 82-F2 Inline Selection

Product Series	UPC (054007-)	Cable O.D. Range	Voltage Rating	Conductor Size	Number of Conductors	Maximum Conductor O.D.	Inner Pack	Case Qty.
Non-Shielded Dry Cable, Nonshielded Wet or Dry Cable, Portable Single Conductor Cable, Portable Multiple Conductor to 1000 Volt Cable. See above for cable type illustrations.								
82-F1	08307	0.25-0.80" (6-20 mm)	5 kV 1 kV (600/2000)*	6-1/0 AWG** (16-50 mm ²)	1 multi	0.62" (18 mm) 0.90" (23 mm)	1/box	10
82-F2	08308	0.80-1.20" (20-30 mm)	5 kV 1 kV (600/2000)*	2/0-4/0 AWG** (70-95 mm ²)	1 multi	0.82" (21 mm) 1.30" (33 mm)	1/box	10

* Mine portable cable rating
**Base selection on cable O.D. range.