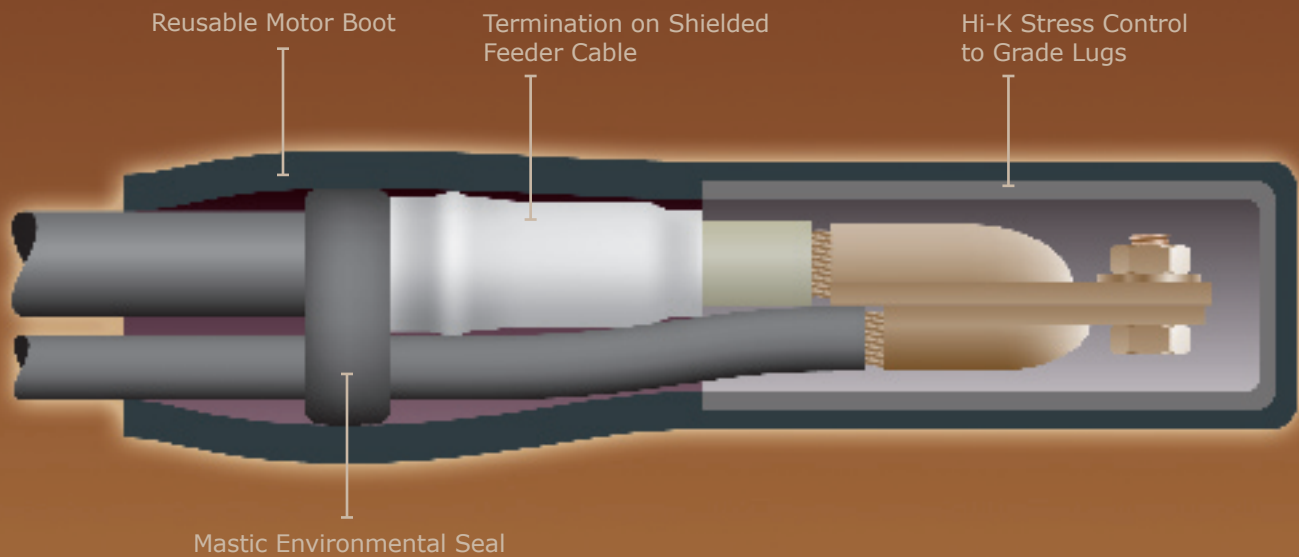




# Motor Lead Splicing Kits 5380 Series, for 5/8kV Cables

Removable, Reusable, Reliable



3M brings a new level of convenience and reliability to motor lead splicing up to 5/8kV.

The 3M™ Motor Lead Splicing Kit 5380 Series includes four kits designed for splicing a wide cable range of motor lead cables and incoming feeder cables.

Each 5380 series kit installs easily without heat, flame or special tools in a fraction of the time required for traditional motor lead kits\*. Each kit includes a one-piece splice cover that can be removed for inspection without adhesive residue or danger of damage to cable insulation. The splice cover can be reused multiple times.

The 5380 series uses 3M technology that has proven reliable in field use and laboratory tests. It is flexible so that it fits more easily into confined spaces such as motor junction boxes.

## Benefits

- Can be removed without cable residue or damage
- Splice cover is reusable
- Goes on quickly without flame, heat or special tools
- Requires less training than traditional insulators
- Flexible so it fits in confined spaces
- Puncture and abrasion resistant

\* Based on observation of installation techniques by 3M Technical Service.

## Features

- For 5/8 kV shielded and non-shielded cable
- Kits cover cable range of 8 AWG to 500 kcmil
- Comes with everything needed for three splices (except lugs and vinyl tape).
- High-K stress control technology
- Available with optional grounding kit
- Designed for polyethylene, XLP and EPR insulated cables with copper conductors

## Splice Selection Table

Kit Number	Cable Size Range (AWG/kcmil)		Feeder Cable Insulation O.D. Range	Max. Bolt Length	Max. Lug Length	ID of Boot to Size of Cables
	Feeder	Motor Lead				
5381	8 – 4	10 – 4	0.30 – 0.51" (7,6 – 13 mm)	5/8" (16 mm)	2 1/2" (63,5 mm)	0.90" (23 mm)
5382	2 – 1/0	4 – 1/0	0.43 – 0.65" (11 – 16,5 mm)	3/4" (19 mm)	2 3/4" (70 mm)	1.16" (29 mm)
5383	1/0 – 250	2 – 250	0.53 – 0.88" (13,5 – 22,4 mm)	1 1/4" (32 mm)	4" (102 mm)	1.60" (41 mm)
5384	250 – 500	4/0 – 500	0.75 – 1.12" (19 – 28,4 mm)	1 1/2" (38 mm)	5 1/2" (140 mm)	2.06" (52 mm)

**⚠ Caution:** Working around energized electrical systems may cause serious injury or death. Installation should be performed by personnel familiar with good safety practice in handling electrical equipment. De-energize and ground all electrical systems before installing product.

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### Important Notice

Before using this product, you must evaluate it and determine if it is suitable for your intended application. You assume all risks and liability associated with such use.

#### Warranty; Limited Remedy; Limited Liability.

This product will be free from defects in material and manufacture as of the time of purchase. **3M MAKES NO OTHER WARRANTIES**

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