

## APPLICATION PROCEDURES

# PMI Splice Rods

### INSTALLATION GUIDELINES

1. Be sure to read and completely understand this procedure before applying this product.
2. PMI helical products are precision formed devices that should be handled carefully. To minimize grit loss, distortion, or damage, they should be safely stored until used.
3. Splice Rods are designed for use on jacketed and un-jacketed cables. When applied on un-jacketed steel armored cables the Splice Rods must have the same lay direction as the cable armor.

**CAUTION:** Never use Splice Rods with an opposite lay direction without prior PMI consultation. For other uses including synthetic fiber cables and ropes, please contact PMI Industries, Inc.

4. Most designs are optimized for use on un-jacketed steel armored cables and are not intended to hold the cable's rated break strength. If you need to know the products load rating contact PMI Industries, Inc. PMI can perform testing to simulate critical applications.

5. Splice Rods may be removed and re-installed only once, upon initial installation and prior to loading. If removal is necessary after the Splice Rods have been permanently installed, they must be replaced with a new set of rods.

### SAFETY CONSIDERATIONS

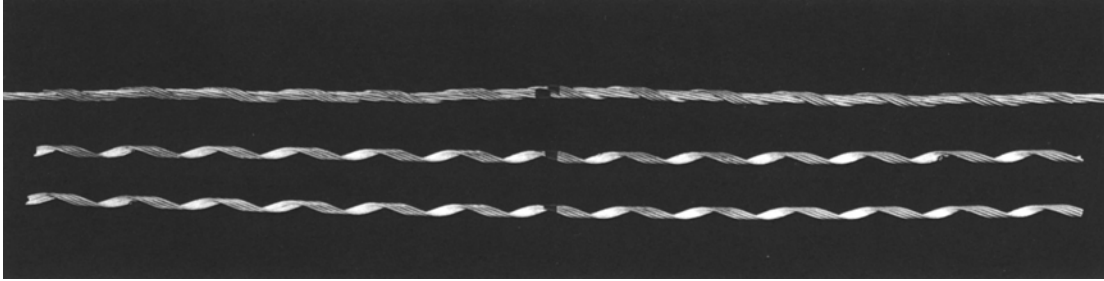
1. For proper performance and personal safety be sure to select the proper size product for your application.
2. This application procedure is not intended to supersede any company safety standards. This procedure is offered only to illustrate safe application.
3. Leather work gloves and eye protection should be worn when handling and installing this product.
4. When passing this product over a sheave, the sheave diameter needs to be at least 40 times the diameter over the helical rods (cable + applied rods). To prevent the rod ends from lifting off the cable when passing over a sheave, use tape and/or metal bands to serve the rod ends in place.

### APPLICATION SEQUENCE

1. For un-jacketed cables or wire rope apply a thin layer of tape to each end of the cables being joined.
2. Begin Splice Rod application with one subset of rods. Position the subset by matching the subset color mark (located at center of rods) with one cable end. Hold it securely with thumb and finger pressure (as shown) and wrap the subset onto the cable.



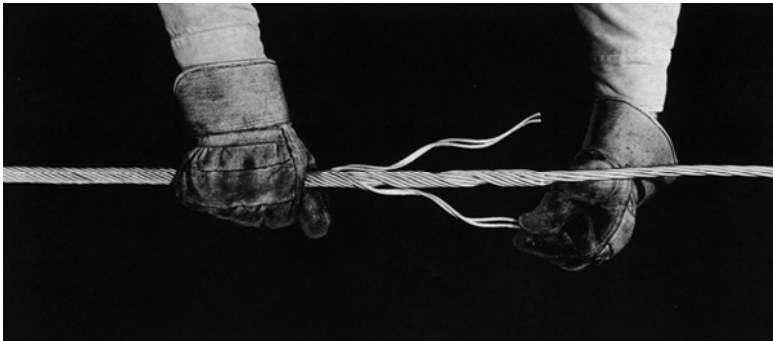
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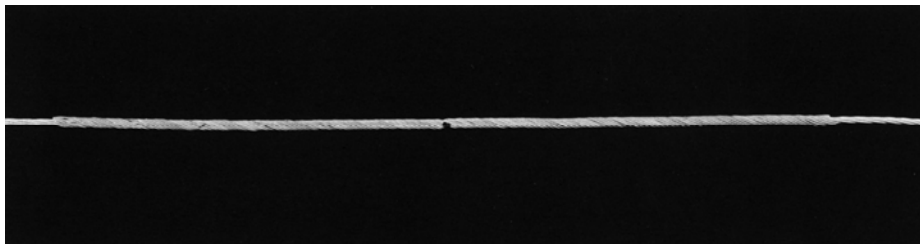
3. Butt the other cable end to be spliced in contact with the first cable and wrap the subset onto the cable completely, adjoining both ends.



4. Match the color mark of the first Splice Rod subset and apply the second subset for 2-3 pitch lengths on each side of center. Apply the remaining subsets in the same manner, then wrap the subsets simultaneously, to within one or two pitch lengths of completion, as shown.



5. Complete wrapping the subsets, one at a time, onto the cable. Each subset can be separated into single rods to ease the application. Using fingers to support the cable apply thumb pressure to the rod ends until they snap into place.



6. Splice Rods shown completely applied without end treatment. To prevent snagging, wrap the splice rod ends with steel band clamps and friction tape.

