

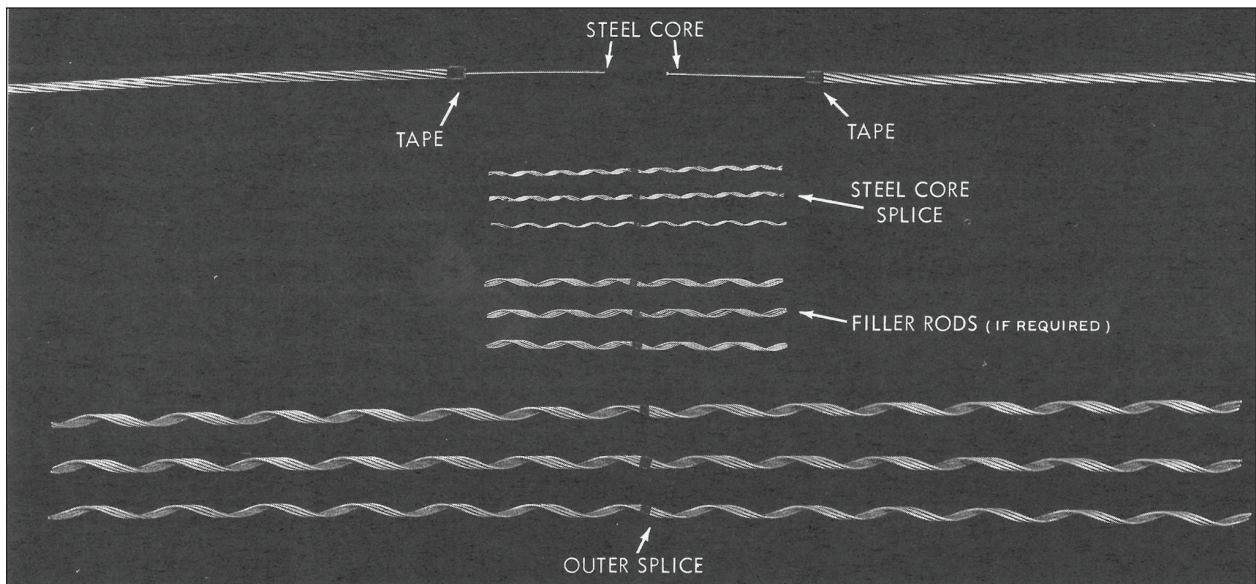


## Splice: Full Tension

Be sure to read and completely understand this procedure before applying product.  
Be sure to select the proper size PREFORMED™ product before application.

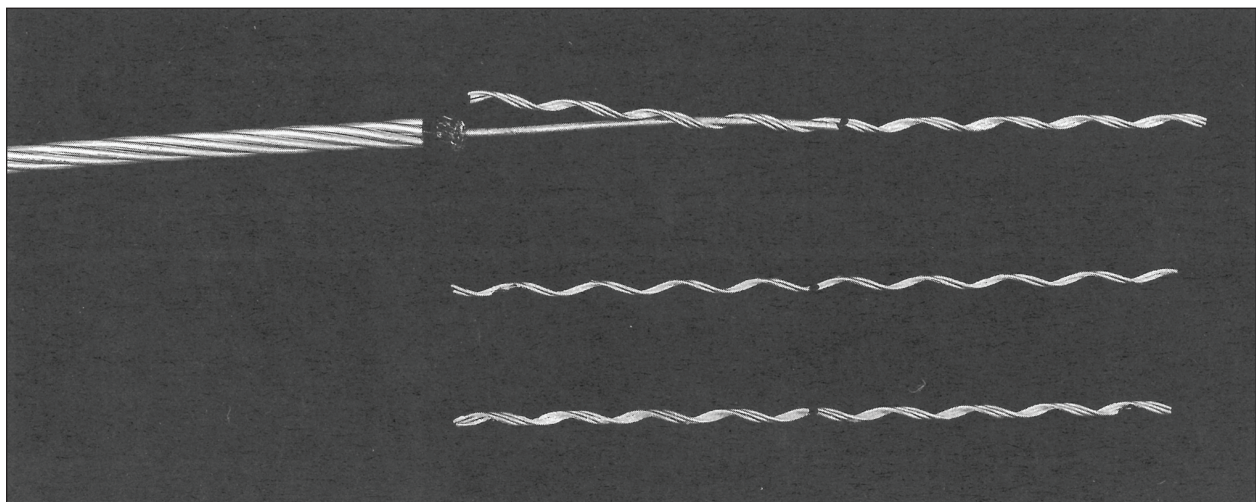
### Step #1

Splice as received in the field. Place the center mark of the Steel Core Splice at the end of one conductor section, and measure back that length plus one-quarter inch. Apply one layer of vinyl tape at this point and cut away the aluminum strands, exposing the steel core. Do the same with the other conductor section.



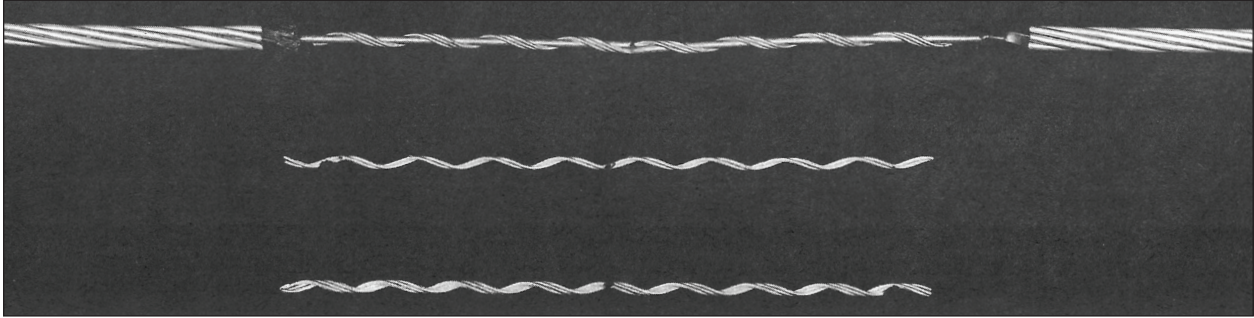
### Step #2

Select the Steel Core Splice subset containing the greatest number of rods. Begin the application by placing the center mark of the subset at the end of one steel core and wrap on one-half its length.



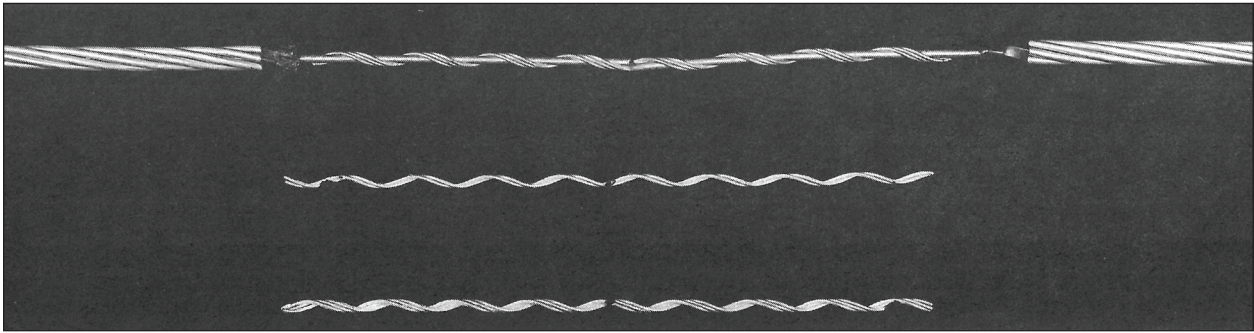
**Step #3**

Position the end of the other steel core so that both ends are approximately one-sixteenth inch apart. Hold it securely with finger pressure and wrap on the subset completely.



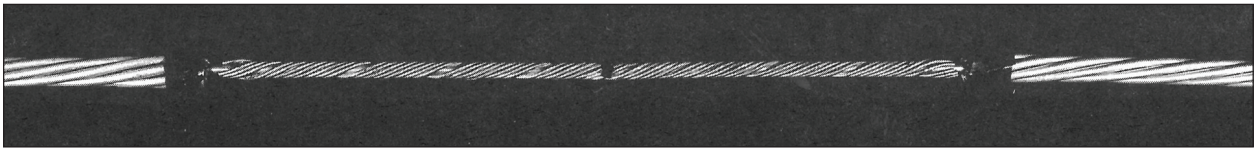
**Step #4**

Match the second subset at the center mark and wrap on one or two pitch lengths on each side of the center. Apply the third subset in the same manner, then completely wrap on both subsets simultaneously.



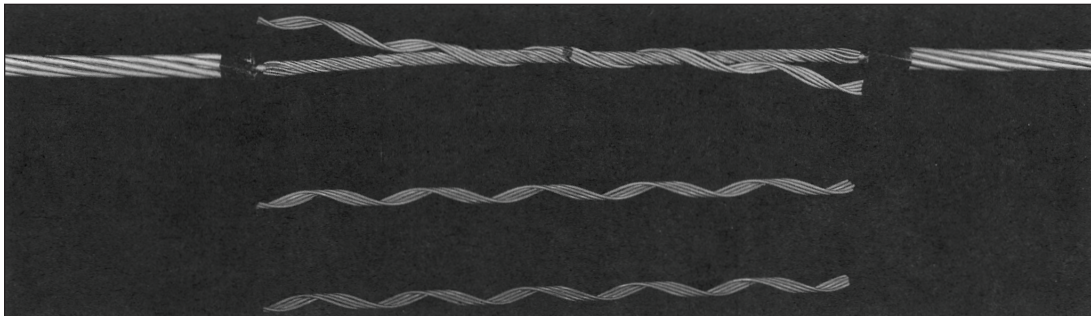
**Step #5**

Completed Steel Core Splice.



**Step #6**

Align the center mark of the Filler Rod subset (if required) containing the greatest number of rods, with the center mark of the Steel Core Splice and wrap it on.



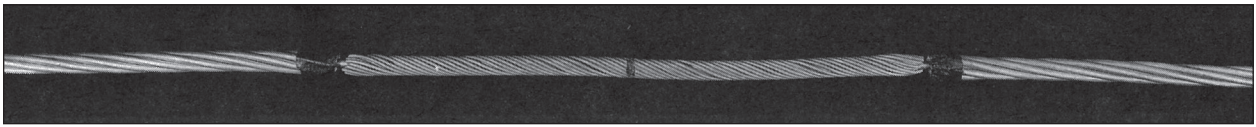
### Step #7

Match the second subset at the center mark and wrap on one pitch length from each side of the center. Start the third subset in the same manner, then completely wrap on both subsets simultaneously.



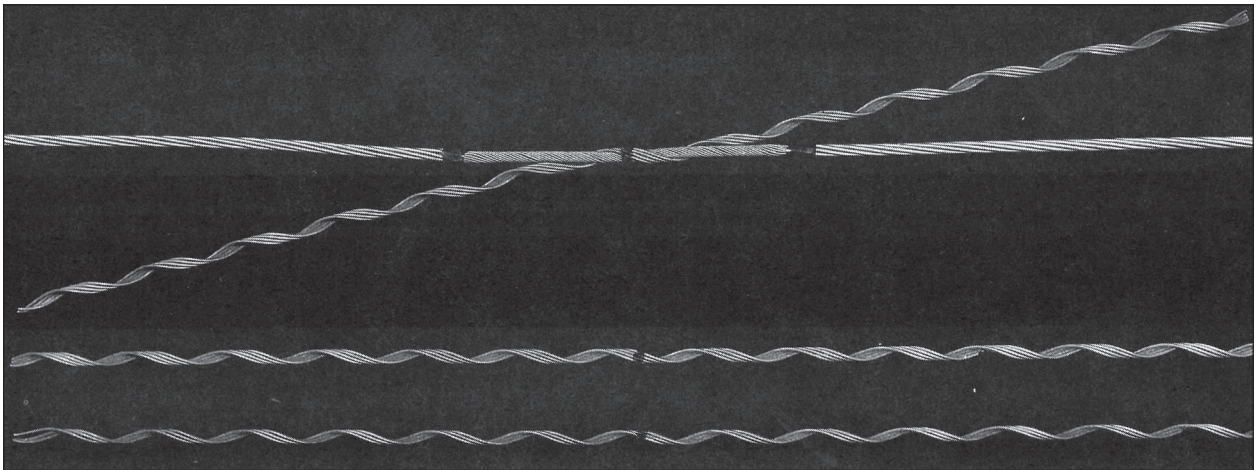
### Step #8

Completed Filler Rod Splice. Do not remove the vinyl tape. To assure a reliable electrical connection, all conductors, new or weathered, must be thoroughly scratch brushed until bright and clean immediately prior to installation. A quality inhibitor must be applied to retard oxidation.



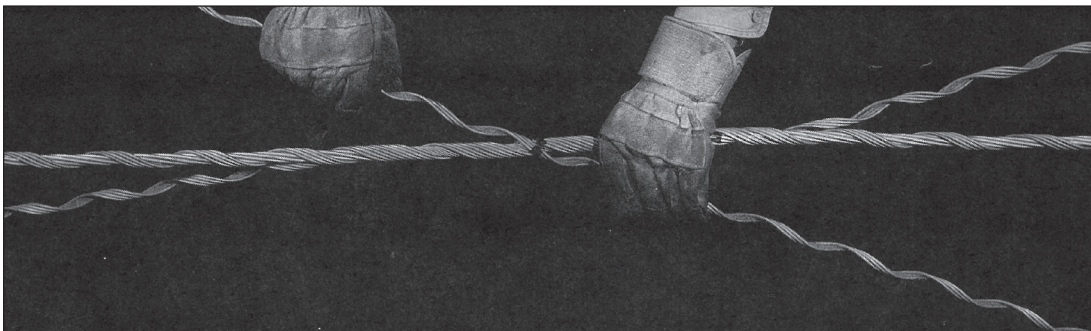
### Step #9

Align the center mark of the Outer Splice subset containing the greatest number of rods, with the center mark of the Filler Rod Splice and wrap it on carefully.



### Step #10

Match the center mark of the first subset and apply the second subset one or two pitch lengths on each side of the center mark. Apply the third subset in the same manner, then completely wrap on both subsets simultaneously.



### Step #11

Completed Full-Tension Splice. The ends of the outer splice rods can be snapped in easily by flexing the conductor and rotating the subset with thumb pressure until the rod ends snap into position.



### GENERAL NOTES

1. PREFORMED™ Splices should be stored in cartons under cover – preferably shelf storage.
2. PREFORMED™ Splices are precision devices which should be handled carefully to prevent distortion and damage.
3. PREFORMED Splices can be reapplied three times during initial installation after which they should not be reused.
4. PREFORMED Splices may be used at the support point but only after factory consultation.
5. To assure a reliable electrical connection, all conductors, new or weathered, must be thoroughly scratch brushed until bright and clean immediately prior to installation.
6. The application of a quality inhibitor is strongly recommended to retard oxidation.
7. Tapping over a PREFORMED Conductor Splice is permissible. Whenever a tapping clamp will be installed over a splice, the outer surface of the splice should be thoroughly scratch brushed to remove any oxides and glue which may be present. Inhibitor should then be applied to the area beneath the tap itself.

### SAFETY CONSIDERATIONS

This application procedure is not intended to supersede any company construction or safety standards. This procedure is offered only to illustrate safe application for the individual. **FAILURE TO FOLLOW THESE PROCEDURES MAY RESULT IN PERSONAL INJURY OR DEATH.**

This product is intended for a single (one time) use and for the specified application.  
**Do not reuse or modify this product under any circumstances.**

This product is intended for use by trained technicians only. **This product should not be used by anyone who is not familiar with, and not trained to use it.**

When working in the area of energized lines, extra care should be taken to prevent accidental electrical contact. Be sure to wear proper safety equipment per your company protocol.

For proper performance and personal safety, be sure to select the proper size PREFORMED product before application.

PREFORMED products are precision devices. To ensure proper performance, they should be stored in cartons under cover and handled carefully.



# PREFORMED LINE PRODUCTS

P.O. Box 91129, Cleveland, Ohio 44101 • 440.461.5200 • [preformed.com](http://preformed.com) • email: [inquiries@preformed.com](mailto:inquiries@preformed.com)

SP2060-2