

APPLICATION PROCEDURE & SAFETY CONSIDERATIONS **PREFORMED** LINE PRODUCTS

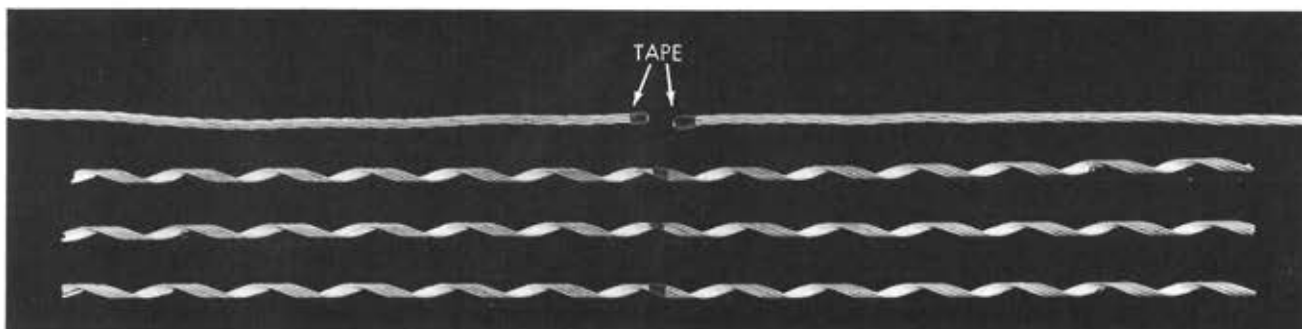


SPLICE : CONDUCTOR

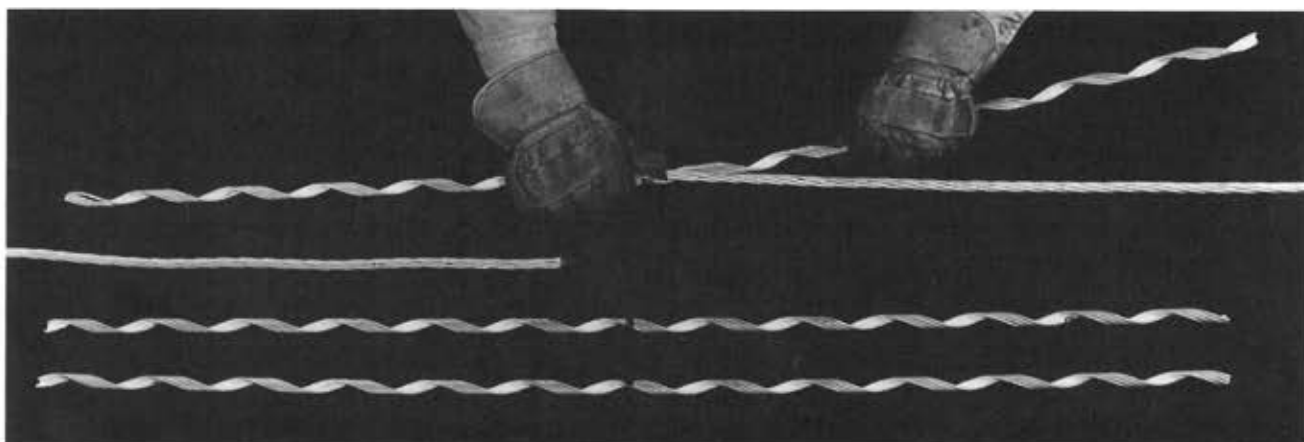
Completely read and understand this procedure before applying product. Special attention should be given to the Safety Considerations located on the last page. We advise the reader to review those considerations now, and then again during the general review of this procedure.

Hand Application of Splice on Aluminum Conductor

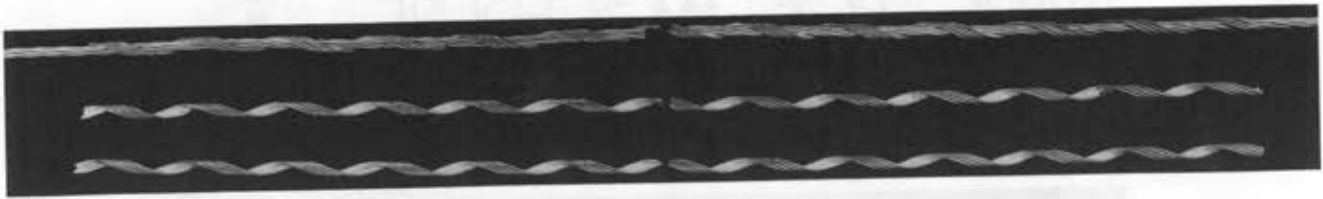
[For application of copper splice on copper conductor, see General Notes]



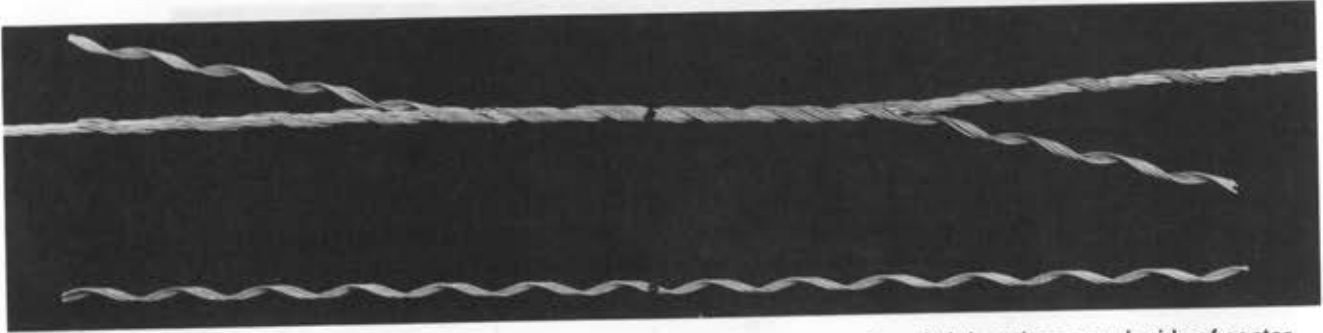
1. Illustration of splice as received in the field. Tape Aluminum Conductor ends with one layer of vinyl tape to prevent ends from flaring.



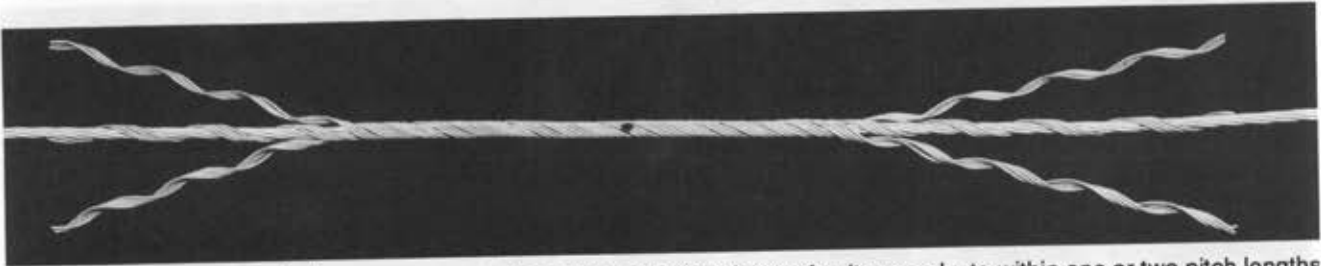
2. Conductor should be thoroughly wire brushed until bright and clean. A quality inhibitor must be applied to retard oxidation. Place one taped conductor end at the center mark of one of the subsets. (NOTE: If each subset does not have the same quantity of rods, start with one containing the greatest number of rods.) Hold it securely with thumb-and-finger pressure and apply by wrapping the subset around the conductor.



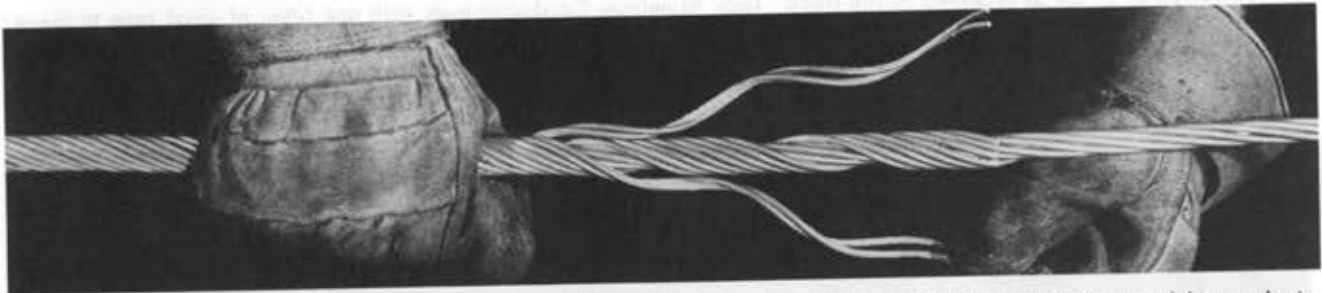
3. Position the other taped conductor end so that both ends are approximately one-sixteenth of an inch apart. Hold it securely and wrap on the subset completely.



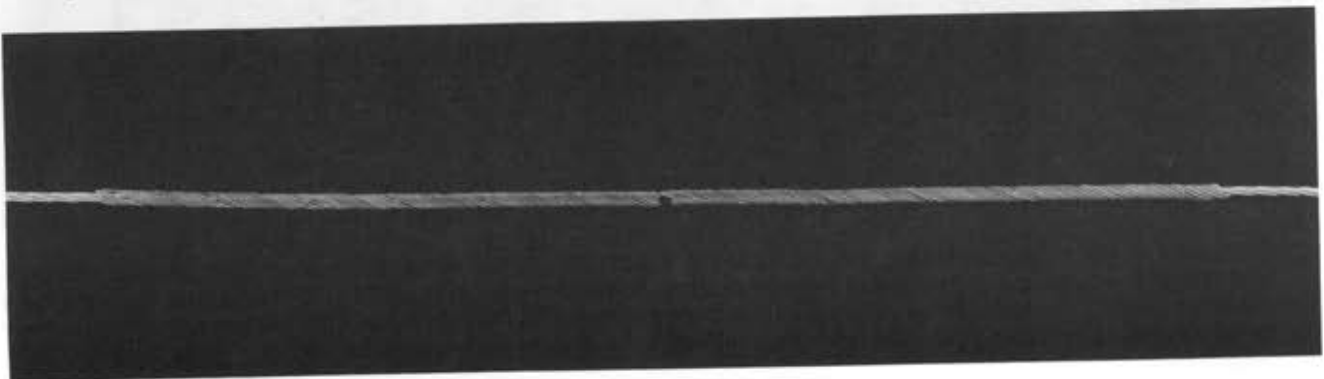
4. Match the center mark of the first subset and apply the second subset one or two pitch lengths on each side of center.



5. Apply the third subset in the same manner, then wrap on both subsets simultaneously, to within one or two pitch lengths of completion.



6. For an easy and distortion-free application, split the legs of the subset as shown. Wrap each split end around the conductor separately, and apply thumb pressure until it snaps into place.



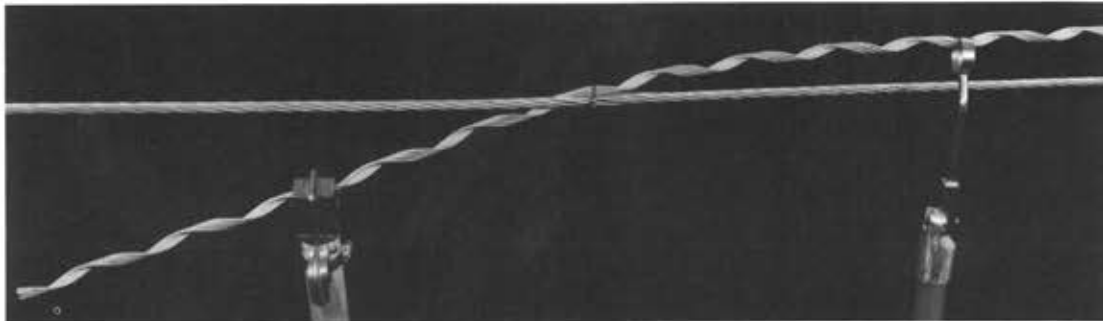
7. Splice completely applied.

Hot Stick Application of Splice on Damaged Aluminum Conductor

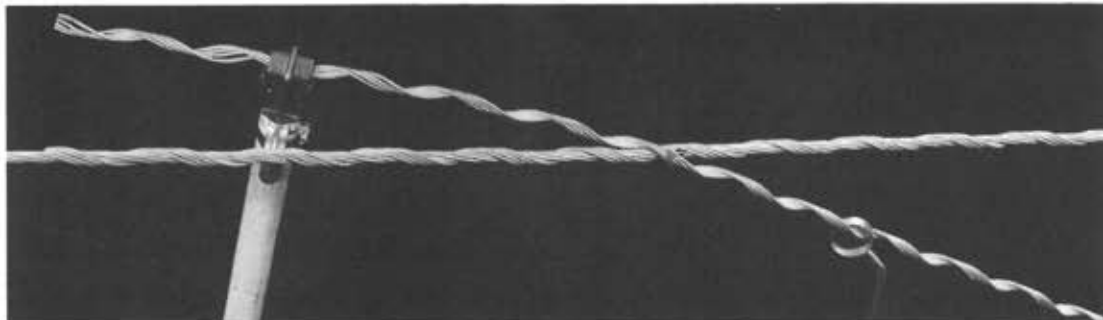
[For application of copper splice on copper conductor, see General Notes]



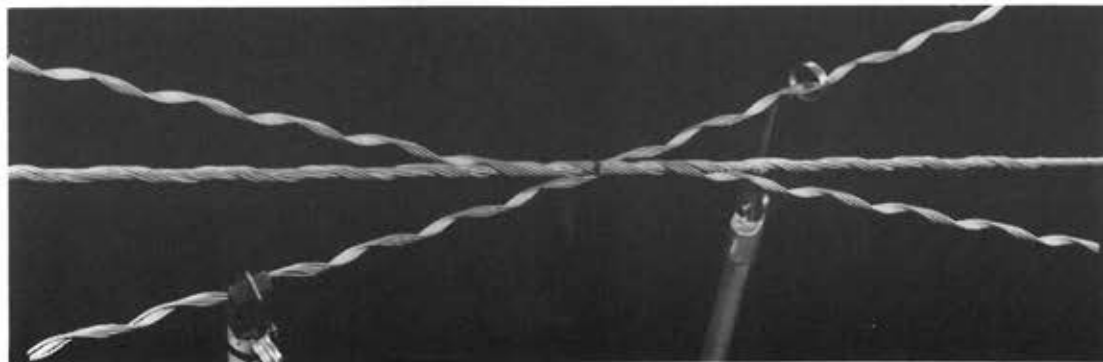
1. Prepare conductor by thoroughly wire brushing entire splice area until bright and clean. A quality inhibitor must be applied to retard oxidation. If damaged conductor ends are flared out, they must be unwrapped two pitch lengths and the flared ends severed with hotline cutters. Care should be taken not to distort the lay of the strands. The strands must then be wrapped back into their original positions before the splice can be applied.



2. Position the center mark of one of the subsets at the center of the damaged conductor as shown. (Refer to "Note" in paragraph two of Hand Application Procedure.) Wrap on completely with the aid of an Applicator Ring.



3. Place the second subset in the hold stick, making sure that the center marks match and that the subsets are seated tightly against each other.



4. When the second subset has been applied one pitch length each way from the center, apply the third subset in the same manner.



5. After the second and third subsets have been started, move the hold stick to a convenient location to steady the conductor. Then wrap on the second and third subsets consecutively, one or two pitches at a time.



6. Snap the ends of the splice into place with the Applicator Ring.



7. Splice completely applied. The ends of the 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. To assure a reliable electrical connection, all conductors, new or weathered, must be thoroughly scratch brushed until bright and clean immediately prior to installation.
2. A quality inhibitor must be applied to retard oxidation.
3. 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.
4. PREFORMED Splices must not be re-applied after initial installation.
5. PREFORMED Splices may be used at the support point but only after factory consultation.
6. PREFORMED Splices are precision devices which should be handled carefully to prevent distortion and damage.
7. PREFORMED Splices should be stored in cartons under cover — preferably shelf storage.

SAFETY CONSIDERATIONS

1. 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. **CAUTION: FAILURE TO FOLLOW THESE PROCEDURES AND RESTRICTIONS MAY RESULT IN PERSONAL INJURY OR DEATH.**
2. This product is intended for a single (one-time) use and for the specified application. **CAUTION: DO NOT REUSE OR MODIFY THIS PRODUCT UNDER ANY CIRCUMSTANCES.**
3. This product is intended for use by trained craftspeople only. This product **SHOULD NOT BE USED** by anyone who is not familiar with and trained in the use of it.
4. When working in the area of energized lines with this product, **EXTRA CARE** should be taken to prevent accidental electrical contact.
5. For **PROPER PERFORMANCE AND PERSONAL SAFETY** be sure to select the proper size PREFORMED™ product before application.
6. PREFORMED products are precision devices. To insure proper performance, they should be stored in cartons under cover and handled carefully.

PREFORMED LINE PRODUCTS

P.O. Box 91129, Cleveland, Ohio 44101 (216) 461-5200

