

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

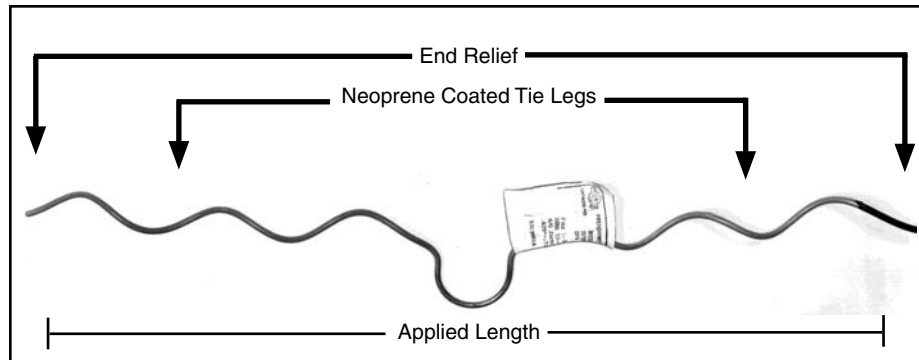


DECEMBER 1995

## SECONDARY-SPOOL™ TIE

FOR USE ON JACKETED CONDUCTORS AND 1-3/4" DIA. SPOOL INSULATORS  
(ANSI/NEMA CLASSES 53-1, 53-2, 53-3)

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



SECONDARY-SPOOL Tie as received in the field

### HAND APPLICATION

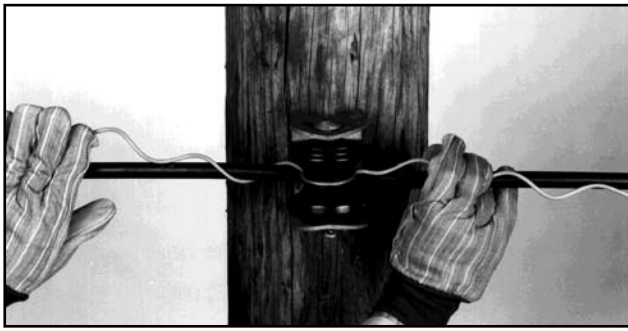
#### VERTICALLY MOUNTED SPOOL INSULATORS



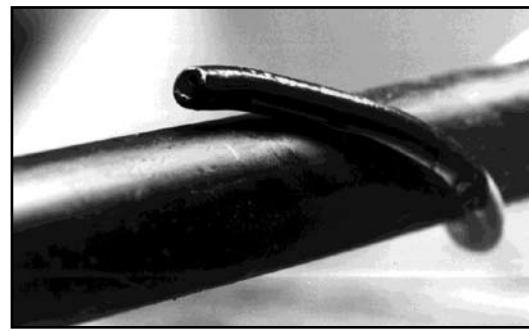
**1.00** In most cases the conductor should be placed between the spool insulator and the structure so it is inside the clevis, as shown.



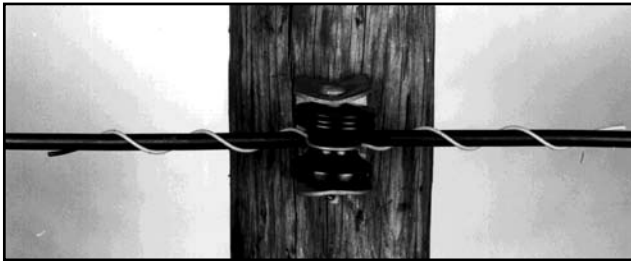
**2.00** Position the tie loop tightly against the insulator groove so the legs are parallel to the conductor as shown. The loop always goes on the opposite side from the conductor as shown.



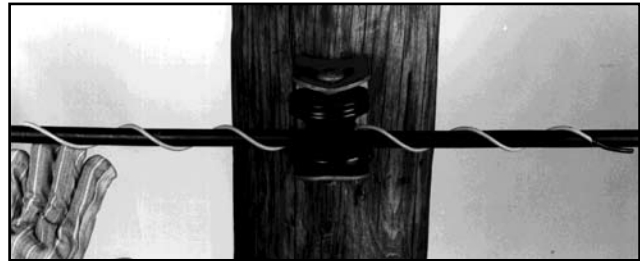
**3.00** Apply the legs by wrapping them around the conductor. Do not use sharp tools, and avoid gouging the jacketing during this operation.



**4.00** Using slight pressure, be sure to snap each leg end into place. The leg ends have been slightly straightened (End Relief), as shown, so they do not touch and gouge the jacketing during application.



**5.00** Completed application of the SECONDARY-SPOOL Tie.



**6.00** When it is necessary to position the conductor on the **outside** of the clevis and insulator, such as when line angles turn **into** the pole, place the tie on the **inside** of the clevis prior to application, as shown. Otherwise follow the same application steps as before.

## HAND APPLICATION

### HORIZONTALLY MOUNTED SPOOL INSULATORS



**7.00** With the conductor resting on the top of the insulator, as shown, position the tie under the insulator so the legs are parallel to the conductor. Then place the loop tightly against the insulator groove.



**8.00** Once the loop is tight against the insulator, begin to apply the legs by wrapping them around the conductor. Do not use sharp tools, and avoid gouging the conductor jacketing during this procedure. Be sure to snap the leg ends into position as described in Step 4.00 to complete the application.



**9.00** Completed application of the SECONDARY-SPOOL Tie.

## 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 **SECONDARY-SPOOL™ Tie** before application.
6. **SECONDARY-SPOOL™ Ties** are precision devices. To insure proper performance, they should be stored in cartons under cover and handled carefully.



**PREFORMED** LINE PRODUCTS

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