

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

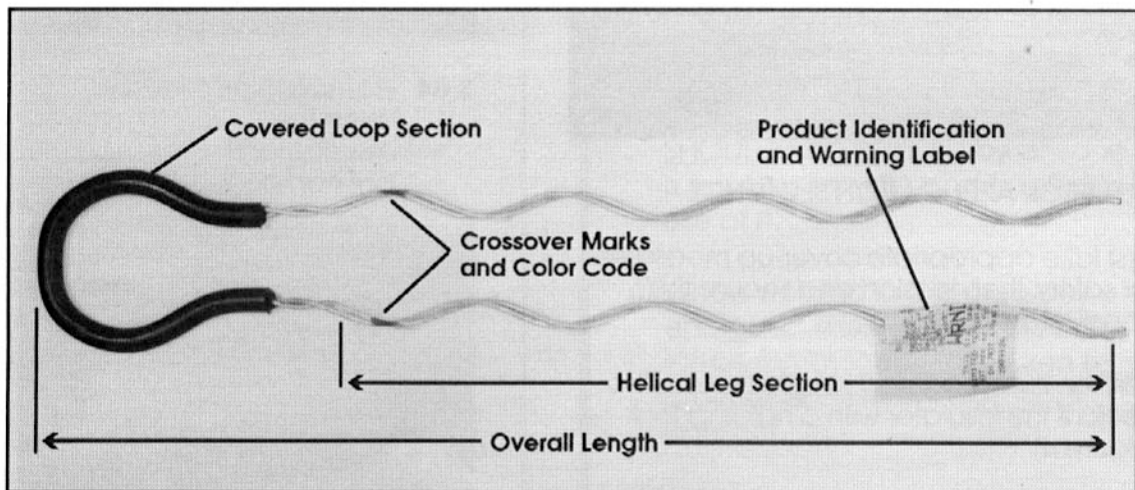


OCTOBER 1996

**Slack Span dead-end**

For *limited* tension applications only. Do not exceed 1000# tension with dead-end.

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



1.00 NOMENCLATURE (Figure 1)

2.00 APPLICATION SEQUENCE

2.01 Tension conductor to the desired sag.  
*IMPORTANT:* Final load tension should not exceed 1000#.

2.02 Position the covered loop of the dead-end around the neck of the insulator (or fitting) as shown in Fig. 2. Make sure the back of the loop is snug against the insulator neck (fitting). Also be sure the top groove of the insulator is in line with the conductor and the legs of the dead-end.

2.03 Start application of the helical legs at the crossover (color code) mark. Wrap one leg of the Slack Span dead-end on the conductor as shown. (Figure 2)

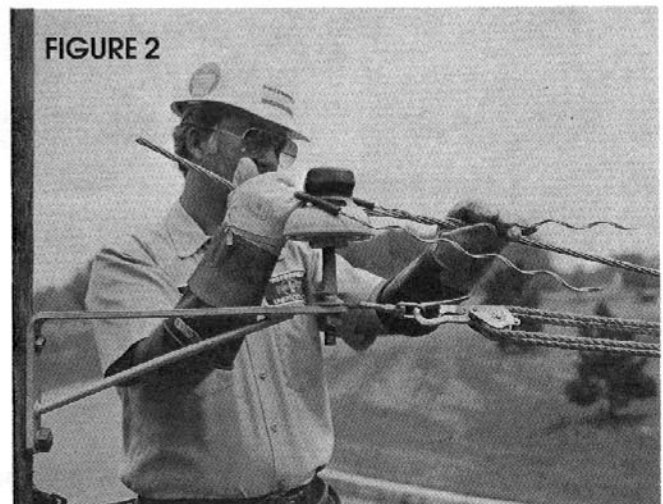
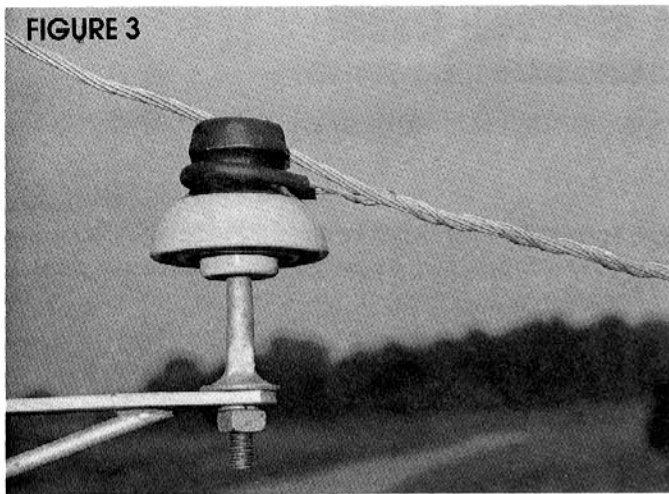


FIGURE 2

**2.04** Align the crossover mark of the second leg with the crossover mark of the applied leg. Now wrap on the second leg.

**2.05** Make sure both leg ends are snapped into final position. This completes the installation. (Figure 3)

**FIGURE 3**

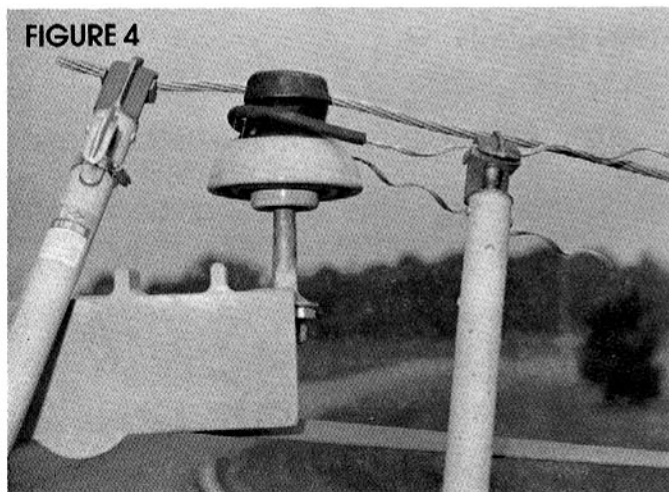


### **3.00 HOT STICK APPLICATION SEQUENCE**

**3.01** First take appropriate cover-up measures for safety, then tension and secure the conductor.

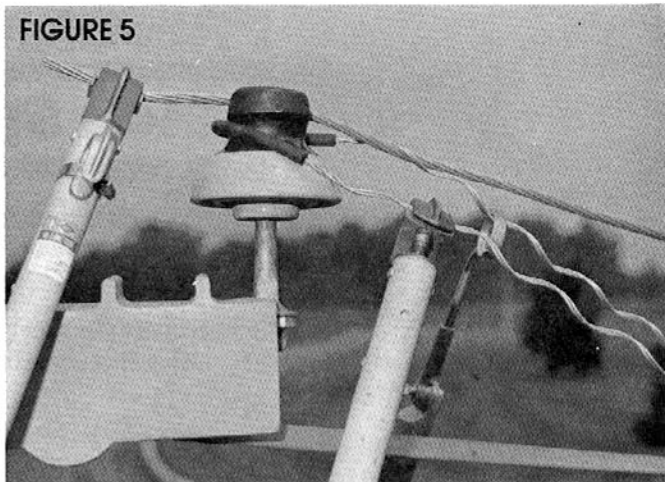
**3.02** Position the dead-end snugly around the neck of the insulator with a holding tool. (Figure 4)

**FIGURE 4**



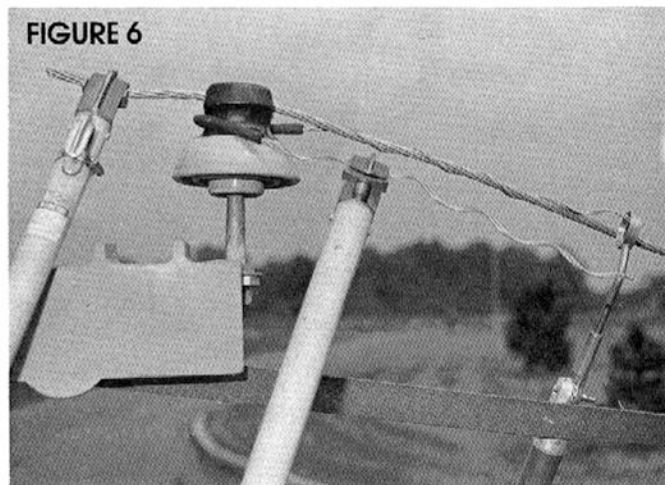
**3.03** While holding one leg with a holding tool, apply the other leg starting at the crossover mark with a PREFORMED™ Applicator Ring. (Figure 5)

**FIGURE 5**



**3.04** Complete application of the first leg by using the beveled edge of the PREFORMED Applicator Ring to snap the leg end into position. (Figure 6)

**FIGURE 6**



**3.05** Align the crossover mark of second leg with the crossover mark of the applied leg and repeat leg application as before. For a completed application, make sure both leg ends are snapped into position. (Figure 3)

## INSTALLATION GUIDELINES

1. This application procedure is an aid to installation and does not imply any line design recommendations.
2. The Slack Span dead-end is specifically designed for limited tension applications. It should not be used as a full-tension dead-end. Final loaded tension should not exceed 1000#.
3. Slack Span dead-ends are specifically designed to be installed on pin, line post, or spool insulators. Application on smoothly contoured fittings with dimensions similar to the mentioned insulators is also permissible.
  - A) Catalog numbers SSDE-9122 through 9134 will fit "C"-neck insulators, "F"-neck insulators or ANSI Class 53-1 to 53-5 spool insulators.
  - B) Catalog numbers SSDE-9142 through 9154 will fit "J"-neck insulators.

Refer to product identification tag for applicable insulators for each dead-end.

4. Slack Span dead-ends should be used only on the size and type of conductor for which they are designed.
5. Do *NOT* tap over the legs of the dead-end. Taps may be made on the conductor tail extending beyond the crossover location or beyond the ends of the dead-end legs.
6. Reapplication and reuse: The dead-end may be applied and removed up to three (3) times *during initial installation*. It should not be reused after initial installation.
7. Slack Span dead-ends are precision devices and should be handled carefully and installed as illustrated to prevent distortion and damage.
8. Slack Span dead-ends should be stored in cartons under cover — preferably shelf storage — until used.
9. Slack Span dead-ends should *NOT* be used as tools; that is, come-alongs, pulling-in grips, etc.
10. Care should be taken to avoid damaging the protective coating of the dead-end or conductor.

## 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 • 440.461.5200 • [www.preformed.com](http://www.preformed.com) • e-mail: [inquiries@preformed.com](mailto:inquiries@preformed.com)