

APPLICATION PROCEDURE & SAFETY CONSIDERATIONS PREFORMED LINE PRODUCTS

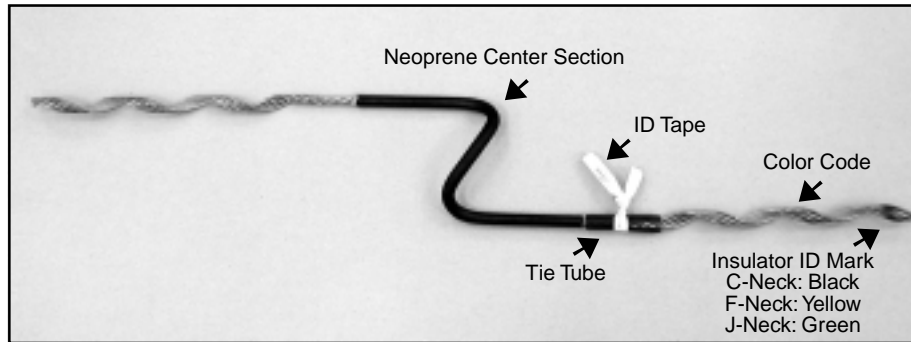


APRIL 2003

WRAPLOCK® TIE

FOR TOP GROOVE, SINGLE INSULATOR INSTALLATIONS

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



WRAPLOCK Tie as received in the field

To aid in installation, grab the ends of the tie legs and bring them toward each other. This procedure will result in the legs naturally sweeping downward. This will force the legs to cross beneath the conductor during rotation. (Figures A, B, C)



FIGURE A



FIGURE B



FIGURE C

1.00 HAND APPLICATION

1.01 Apply Tie Tube to conductor so that the conductor does not come into direct contact with the insulator. (Figure 1)



FIGURE 1

1.02 Align the WRAPLOCK Tie with the conductor as shown, so that both legs are parallel to the conductor. (Figure 2)



FIGURE 2

1.03 Rotate the WRAPLOCK Tie in a counter-clockwise direction. Make sure that both legs go under the conductor as shown. This MUST BE DONE to ensure the conductor is secured to the insulator. (Figure 3)

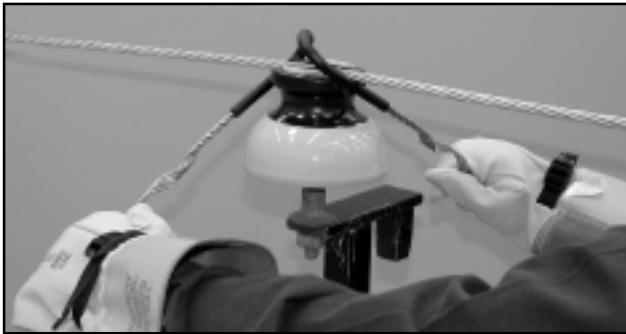


FIGURE 3

1.04 Continue to rotate the legs for one quarter turn. Make sure the center of the tie seats squarely on the insulator head. (Figure 4)



FIGURE 4

1.05 Bend one leg of the WRAPLOCK Tie around the neck of the insulator. Make sure the tie is firmly seated under the insulator ear (see arrow). (Figure 5)

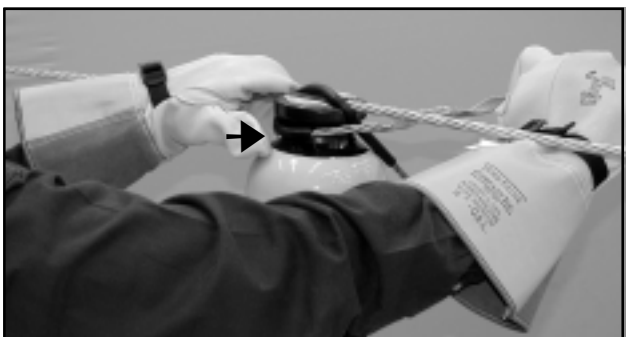


FIGURE 5

1.06 Wrap leg onto conductor, then snap the end into place with slight thumb pressure. (Figure 6)



FIGURE 6

1.07 Bend the other leg of the WRAPLOCK Tie around the neck of the insulator. Again, make sure the tie is firmly seated under the insulator ear (see arrow). (Figure 7)



FIGURE 7

1.08 Wrap leg onto conductor, then snap the end into place with slight thumb pressure. MAKE SURE TIE LOOP IS TIGHT ON INSULATOR NECK AND UNDER INSULATOR HEAD. (Figure 8)



FIGURE 8

- 1.09** Completed application of WRAPLOCK Tie. (Figure 9)



FIGURE 9

2.00 HOT-STICK APPLICATION

- 2.01** Apply Tie Tube to conductor so that conductor does not come into direct contact with the insulator. You may need to lift the conductor with the aid of another hot stick. (Figure 10)



FIGURE 10

- 2.02** Follow steps A through C. With one of the legs of the WRAPLOCK Tie in the jumper holding tool, align the WRAPLOCK Tie with the conductor as shown, so that the held leg is parallel to the conductor and the other leg is positioned to rotate under the conductor. (Figure 11)



FIGURE 11

- 2.03** Rotate the WRAPLOCK Tie one-quarter turn in a counter-clockwise direction. Make sure that both legs go under the conductor as shown. This MUST BE DONE to ensure the conductor is secured to the insulator. (Figure 12)



FIGURE 12

- 2.04** Using the PREFORMED™ Applicator Ring, bend one leg of the WRAPLOCK Tie around the neck of the insulator. Make sure the tie is firmly seated under the insulator ear (see arrow). (Figure 13)

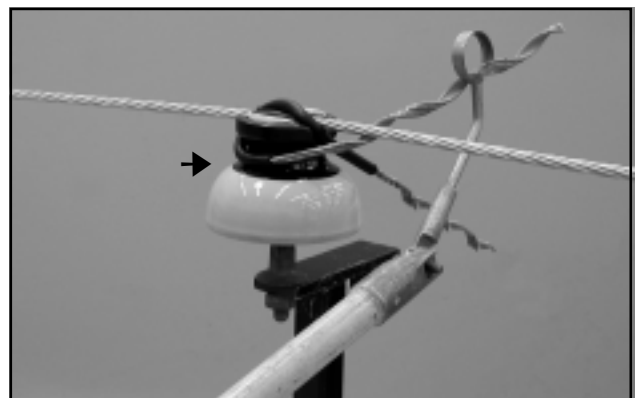


FIGURE 13

- 2.05** Wrap leg onto conductor, then snap the end of the leg into place with a twisting motion of the applicator ring. (Figure 14)



FIGURE 14

2.06 Bend the other leg of the WRAPLOCK Tie around the neck of the insulator. Again, make sure the tie is firmly seated under the insulator ear (see arrow). Snap the ends of the legs into place with a twisting motion of the applicator ring. (Figure 15)



FIGURE 15

2.07 Completed application of WRAPLOCK Tie. (Figure 16)



FIGURE 16

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 WRAPLOCK® Tie before application.
6. WRAPLOCK 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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