

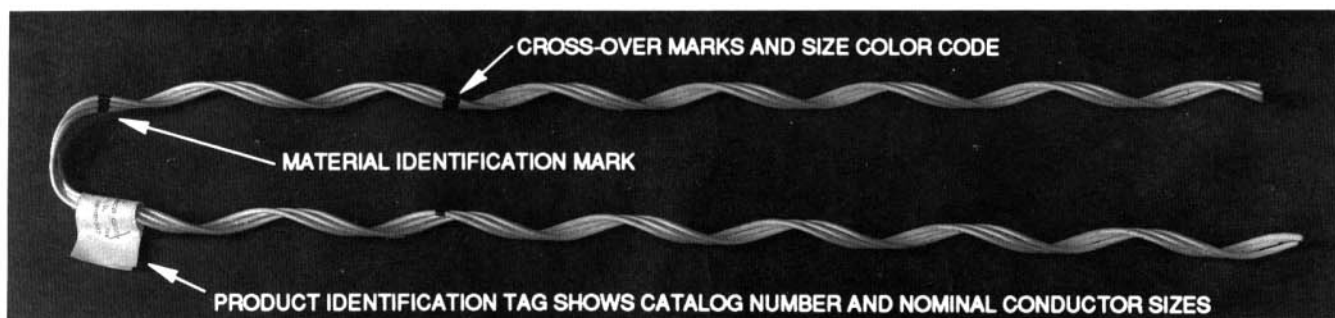
APPLICATION PROCEDURE & SAFETY CONSIDERATIONS **PREFORMED** LINE PRODUCTS



DISTRIBUTION-GRIP Dead-End

For Use On Open Secondaries And Primary Distribution

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.



1. PREFORMED Distribution-Grip dead-end nomenclature.

COLD APPLICATION



2. Select the correct size grip. Tension the conductor and cut it approximately one hand's width away from the spool insulator. Align the loop of the grip with the groove of the spool as you pull on the conductor to remove slack. Note that the tail of the conductor extends beyond the cross-over mark.



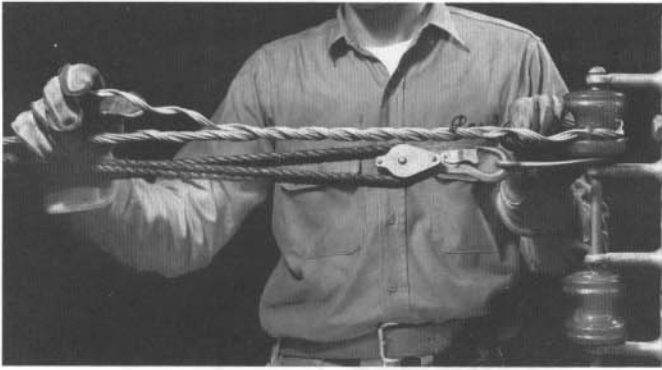
3. Start application at the cross-over mark and wrap one of the legs of the grip all the way onto the conductor.



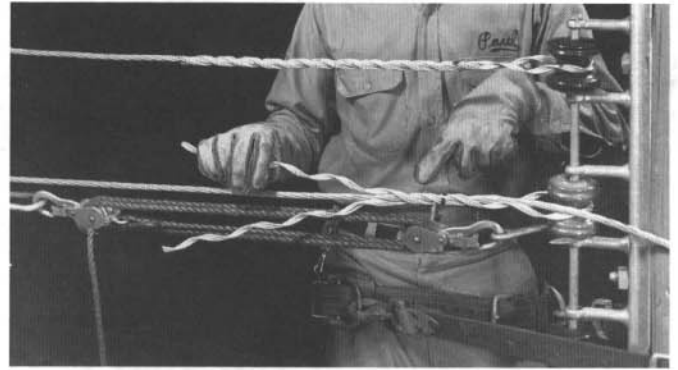
Insert the second leg around the spool.



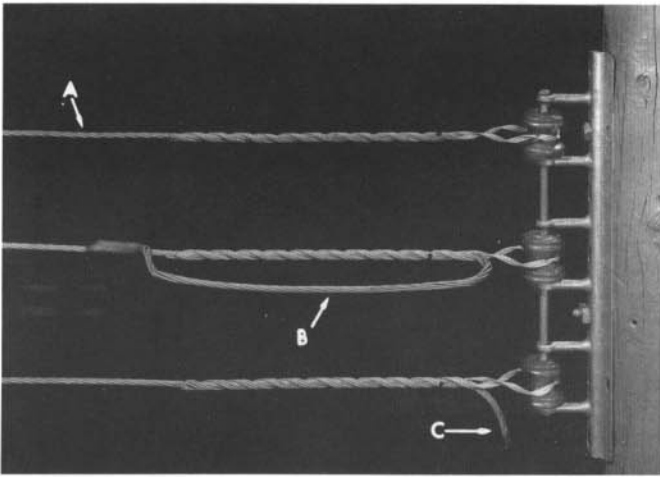
5. Match cross-over marks, making sure that the gaps between the legs are spaced approximately the same.



6. Wrap on the second leg completely. Do not use a tool to snap in the rod ends.



7. Overtension the second conductor slightly and apply both legs of the grip one wrap as shown. At this point, slack off the blocks and allow the conductor to creep through the applied portion of the dead-end. Continue this creep-through until both conductors are evenly sagged. Complete the application of the grip.

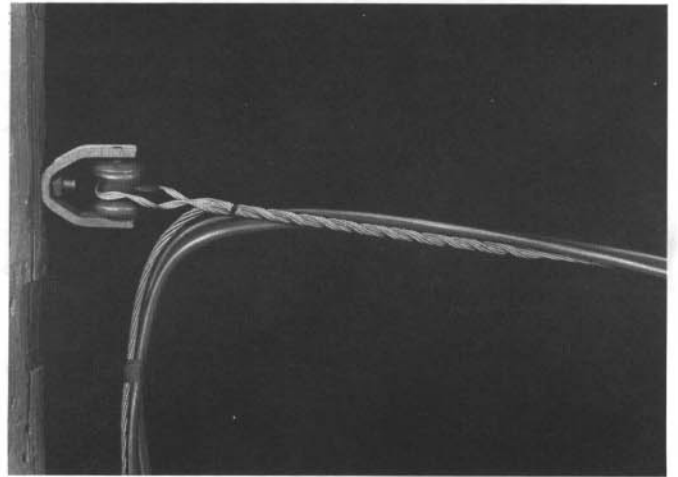


8. Shown are three typical methods of dead-ending open secondaries, and locations for service taps.

A. Taps can be made on the conductor ahead of the dead-end.

B. Allow for a tail on the conductor long enough to be doubled back and fastened to itself as shown. Taps can be made on the jumper.

C. The tail of the conductor can continue through the cross-over point of the grip, and service taps can be made on this tail continuation.

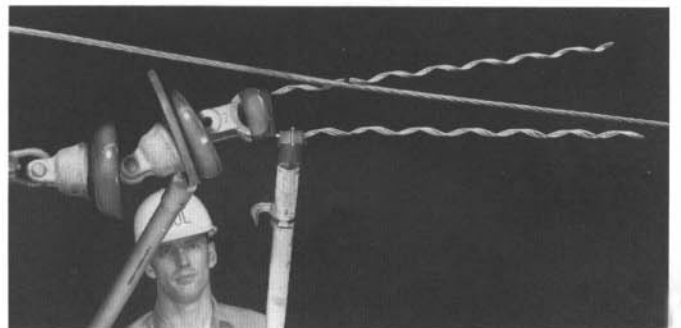


9. Typical triplex secondary dead-end.

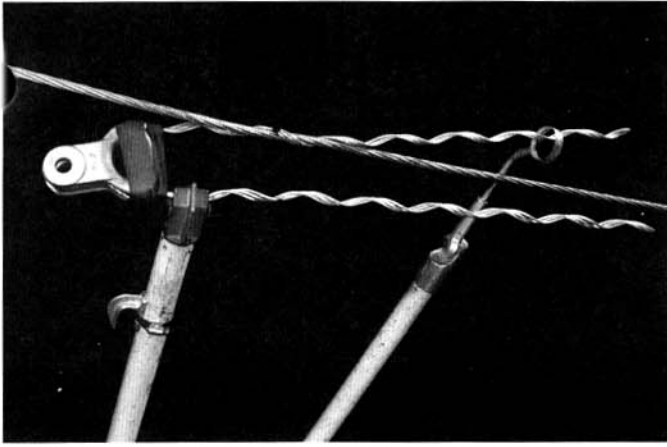
HOT APPLICATION



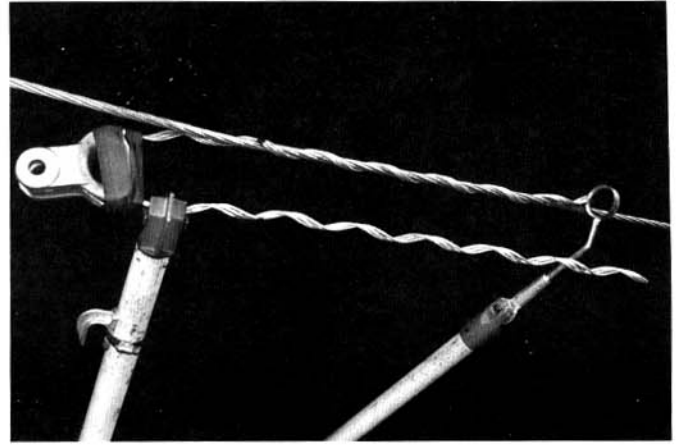
10. Select the correct size grip. Tape the thimble or clevis into the grip and position a holding stick as shown.



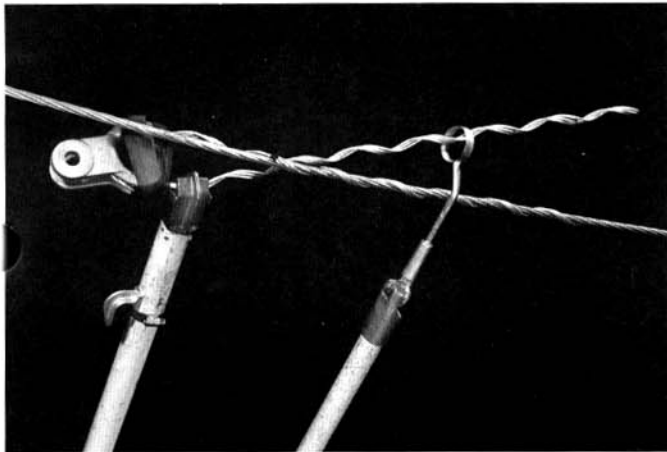
11. The grip is laid on the conductor at the cross-over mark and slid into place; note that the disc insulators must be held in position for exact measurement.



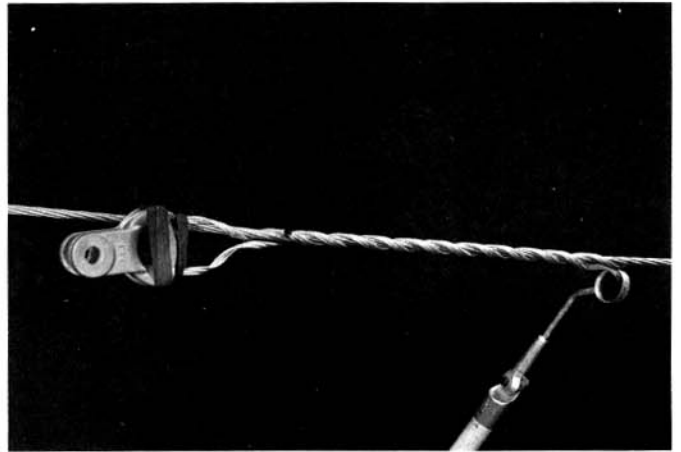
12. After the grip is correctly positioned, a tie stick and PREFORMED Applicator Ring are used to wrap one of the legs onto the conductor.



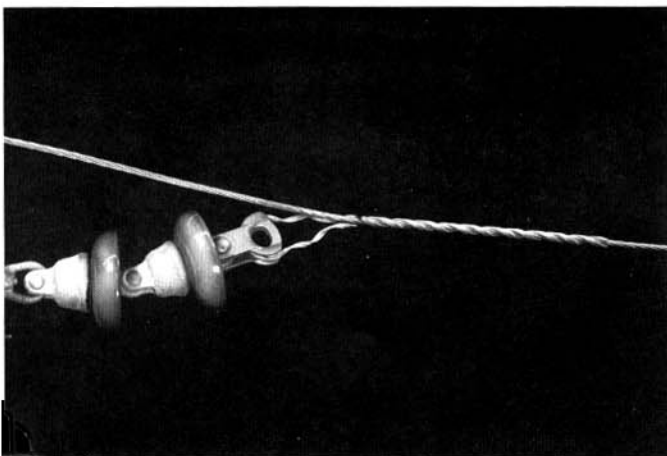
13. Complete application of the first leg, using the edge of the PREFORMED Applicator Ring to snap the ends of the rods into position.



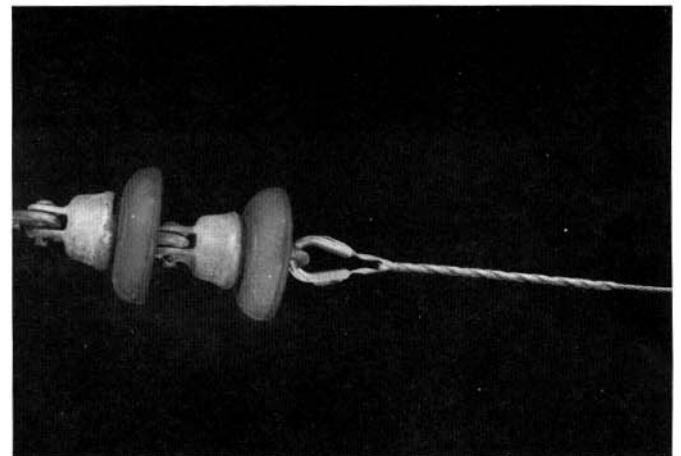
14. Maneuver the second leg into position so that the cross-over marks match and the gap spacing between the legs is even.



15. Wrap the second leg all the way onto the conductor, keeping the PREFORMED Applicator Ring perpendicular to the conductor.



16. Install the pin and cotter key, remove the tape, and continue on with dead-ending the remaining phases. (Over-top can be cut as desired.)



17. Completed application of the PREFORMED Distribution-Grip dead-end. An alternate thimble fitting is shown.

GENERAL NOTES

1. The Distribution-Grip dead-end is designed to meet the particular requirements of secondary, primary, and short span feeders.
2. Loops of the Distribution-Grip are designed for use with spool insulators, thimble clevises, and other smoothly contoured fittings which have diameters and inside groove widths corresponding to the dimensions appearing in the table below:

TERMINATING FITTING				
Catalog No.	Size	Diameter		Inside Groove Width
		Min.	Max.	Min.
DG-4541	#4	1-1/4"	2-3/8"	1/4"
DG-4542	#2	"	"	3/8"
DG-4543	#1	"	"	"
DG-4544	1/0	1-1/2"	"	7/16"
DG-4545	2/0	"	"	"
DG-4546	3/0	"	"	1/2"
DG-4547	4/0	"	"	5/8"

3. To minimize grit loss, PREFORMED Distribution-Grip dead-ends should be stored in cartons under cover — preferably shelf storage — until used. Do not suspend from hooks in the back of service trucks.
4. A. PREFORMED Distribution-Grip dead-ends may be applied three times on new installations, if sag adjustments are necessary.

B. PREFORMED Distribution-Grip dead-ends are not to be reused after the final application.

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 may be applied three times for retensioning within 90 days of installation; after 90 days do not reuse. This product is intended for the specified application. **CAUTION: DO NOT REUSE AFTER 90 DAYS 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

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