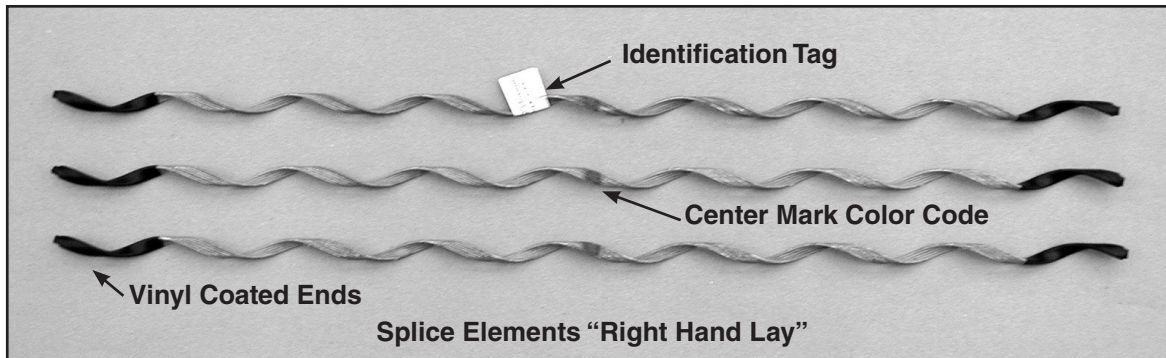




Reeving Splice

For Elevator Reroping/Marrying Operations

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



Step #1 O.D. Calculations

Applied overall diameter computed as follows:

Rod Diameter	.070" x 2 = .140"
Wire Rope Diameter	+ .500"
Total Applied O.D.	.640"

Overall Diameter of Spliced Wire Rope

Size in. (mm)	Reeving Splice	Overall Diameter in. (mm)
5/16 (8)	RS-2102	.415 (10.54)
3/8 (9)	RS-2103	.477 (12.11)
7/16 (11)	RS-2104	.539 (13.69)
1/2 (12)	RS-2105	.640 (16.25)
9/16 (14)	RS-2106	.702 (17.83)
5/8 (15)	RS-2107	.797 (20.24)
11/16 (17)	RS-2108	.887 (22.52)
3/4 (19)	RS-2109	.950 (24.13)
13/16 (20)	RS-2110	1.036 (26.31)
7/8 (22)	RS-2111	1.113 (28.27)
1 (25)	RS-2112	1.238 (31.44)

Step #2 Begin the application by placing the end of the wire rope at the center mark of the Reeving Splice's first element.



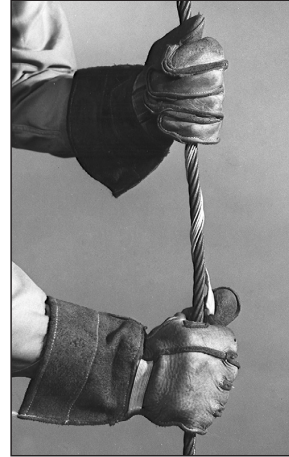
Step #3 Wrap the upper portion of the first element onto the wire rope, pulling slightly away from the rope while applying.



Step #4 Snap on the end of the first element with thumb pressure.



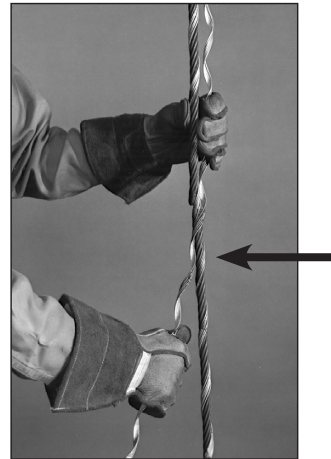
Step #7 Snap on the end of first element with thumb pressure.



Step #5 Position the end of the bottom wire rope approximately 1/16 of an inch from the end of the upper wire rope.



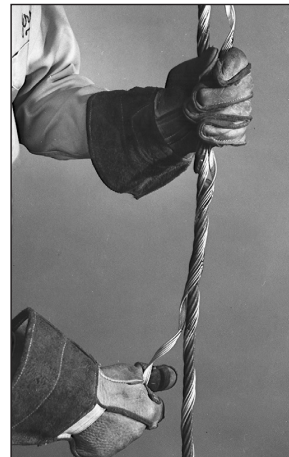
Step #8 Position the center of the second element at the joined ends of the wire rope.



Step #6 Wrap the lower portion of the first element onto the bottom wire rope, pulling slightly away from the rope while applying.



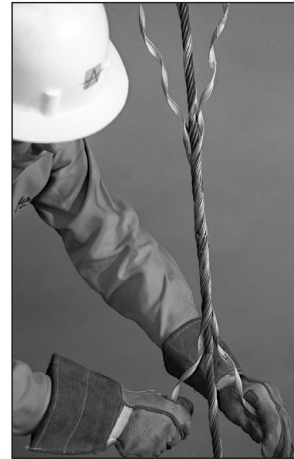
Step #9 Wrap the second element around the bottom rope **one or two complete turns only**.



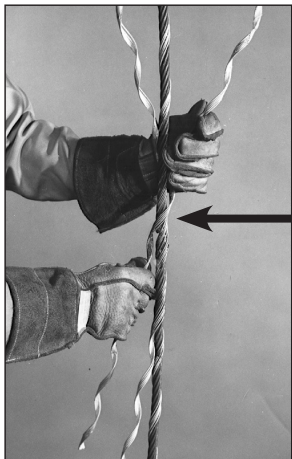
Step #10 Wrap the second element around the upper rope **one or two complete turns only**.



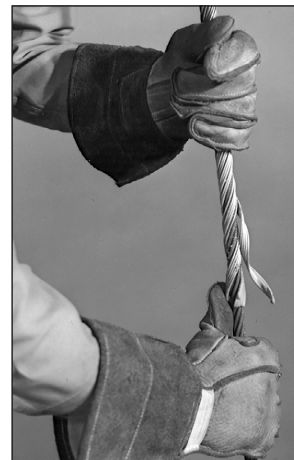
Step #13 Grasping the second and third elements, simultaneously wrap them onto the bottom rope.



Step #11 Position the center of the third element at the joined ends of the wire rope.



Step #14 Snap on the two ends with thumb pressure.



Step #12 Wrap the third element around the upper rope **one or two complete turns only**. Repeat on the bottom rope.



Step #15 Grasping the second and third elements, simultaneously wrap them onto the top rope.



Step #16 Snap on the two ends with thumb pressure.



Step #17 A complete marriage of elevator wire ropes shown below.



SAFETY CONSIDERATIONS

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. **FAILURE TO FOLLOW THESE PROCEDURES MAY RESULT IN PERSONAL INJURY OR DEATH.**

This product is intended for a single (one time) use and for the specified application.

Do not modify this product under any circumstances.

This product is intended for use by trained technicians only. **This product should not be used by anyone who is not familiar with, and not trained to use it.**

When working in the area of energized lines, extra care should be taken to prevent accidental electrical contact.

For proper performance and personal safety, be sure to select the proper size PREFORMED™ product before application.

PREFORMED products are precision devices. To ensure proper performance, they should be stored in cartons under cover and handled carefully.

CAUTION: Reeving Splices are not designed nor intended for full strength applications. The purpose of their application is for replacing ropes, and not for a permanent splice installation

Reeving Splices are designed to hold a maximum of 2,000 pounds whether the working load is from zero up to 2,000 pounds.



PREFORMED LINE PRODUCTS

P.O. Box 91129, Cleveland, Ohio 44101 • 440.461.5200 • preformed.com • email: inquiries@preformed.com
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