

## APPLICATION PROCEDURES

# CABLE-GRIP™/ STOPPER-GRIP™ TERMINATIONS

### INSTALLATION GUIDELINES

1. Be sure to read and completely understand this procedure before applying this product.
2. PMI helical products are precision formed devices that should be handled carefully. To minimize grit loss, distortion, or damage, they should be safely stored until used.
3. PMI Terminations are designed for use on jacketed and un-jacketed E/M cables. For un-jacketed cables, the lay direction of the outer armor layer must match the lay direction of the PMI helical rods.

LEFT HAND LAY (LHL)



RIGHT HAND LAY (RHL)

4. The safe working load is provided for each model on our website. For assistance in determining the load rating for this product or its performance on jacketed cables, contact PMI Industries, Inc.
5. PMI helical grips may be removed and re-installed only once prior to any loading. If removal of the termination is necessary after it has been installed and loaded, it must be replaced with a new termination.
6. A marlin spike or screwdriver may be used to work the rod ends into place.
7. **Use of a Heavy Duty Thimble is highly recommended. PMI can supply upon request.**



If requested, thimble will be shipped installed in grip.

### SAFETY GUIDELINES

1. For proper performance and personal safety, be sure to select the proper size product for your application.
2. This application procedure is not intended to supersede any company safety standards. This procedure is offered only to illustrate safe

application for the individual. Failure to follow these procedures may result in personal injury.

3. When assembling, installing or using this product, appropriate clothing and personal protective equipment should be used at all times. At a minimum, this includes use of leather gloves and safety glasses. However, there may be circumstances where additional clothing and personal protective equipment may be necessary. You should consult with your supervisor as to what the appropriate (1) gloves or other hand protection, (2) safety glasses, face shield or other eye and face protection, and (3) other clothing and equipment, are necessary for your particular use and/or application of the product.
4. The safe and proper assembly, installation and use of this product is ultimately the responsibility of the user. The user is expected to assemble, install and use the product in compliance with all applicable industry and government standards and regulations that apply to the use of the product, including without limitation: OSHA, ANSI, ASTM and other comparable standards and regulations.

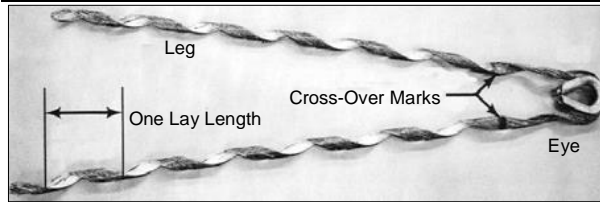
### MAINTENANCE GUIDELINES

1. **IMPORTANT:** After each use of this product, inspect all parts for abnormal wear and tear and to ensure that no parts were damaged during use.
2. Replace all parts that are worn or damaged before further use of the products. **HELICAL RODS SHOULD BE REPLACED AFTER EVERY USE.**
3. If you have questions about whether a part should be replaced, please contact a PMI representative. PMI is not responsible for any damage or incident caused by the use of worn or damaged parts.

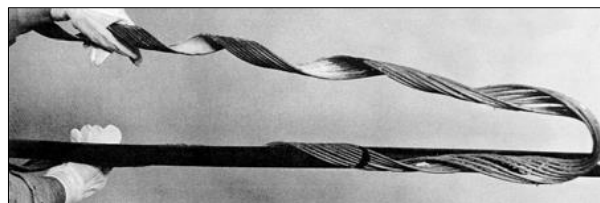
### WARRANTY INFORMATION

Assembly, installation or use of this product in a manner inconsistent with these procedures and instructions may void any warranties that accompanied the purchase of this product.

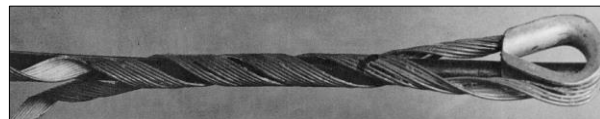
**APPLICATION PROCEDURE**



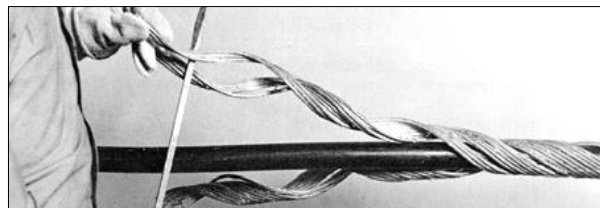
1. **CABLE-GRIP™/STOPPER-GRIP™**  
Termination nomenclature
2. Start the application by placing the cable end a minimum of 1 foot (30.5 cm) past the cross-over marks. Starting at the cross-over marks, wrap on approximately 2 lay lengths of one leg.



3. Install the wire rope thimble in the termination eye at this time. When thimble is in position, there may be some looseness in the fit. When the legs are crossed over and applied to the cable, the thimble is secured in place.



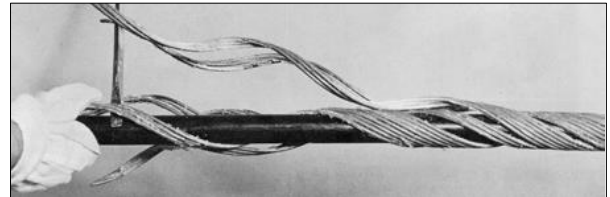
4. Secure the eye in a shackle or over a pin to keep the eye from rotating. Match the cross-over marks and apply the second leg the same distance as the first leg. Avoid winding the cable into the rods as this will make it difficult to fit the remaining rods onto the cable. For a flexible cable, apply the rods with the cable under some tension.
5. To ease installation, a marlin spike or screwdriver may be used to split the legs into multiple sections.



6. Split both legs back to the applied portion of the **CABLE-GRIP™** or **STOPPER-GRIP™** Termination. **NOTE:** On large sizes it may be

necessary to split the legs back to within one pitch length of the cross-over marks to begin the application.

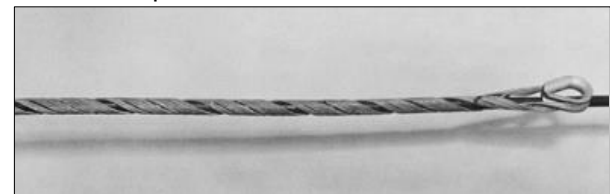
7. Apply one split section from one leg followed by the other split sections from the same leg. Now alternately apply each split section from the second leg, one wrap at a time, until the second leg has been completely applied. Be sure rods do not cross over each



8. To help snap the rod ends in place, a screwdriver or marlin spike can be inserted under the rod ends, as shown, and rotated about the cable to position the rod ends adjacent to each other



9. Make sure all rod ends are snapped into place and are laying on the cable. If necessary, tap rods down with a rubber mallet to help rods lie flat. Tape or bands may be used to serve the rod ends and avoid snags. The **CABLE-GRIP™** or **STOPPER-GRIP™** Termination is now complete



10. If wire rope clip is provided, install in accordance with manufacturer's specifications.