



**APPLICATION PROCEDURES**

# MID-SPAN™

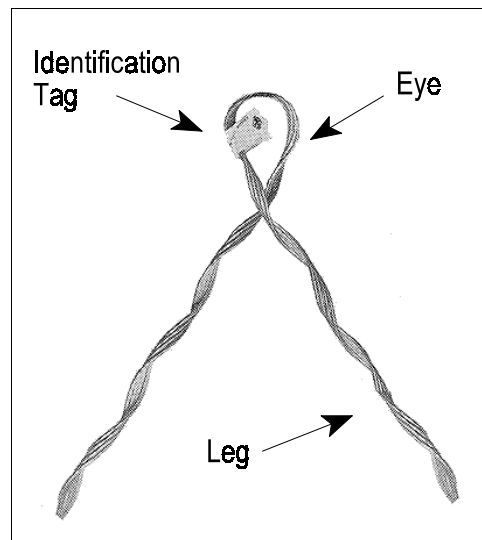
## TERMINATION

### 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. The MID-SPAN™ Termination is designed for use on jacketed and un-jacketed cables. When applied on un-jacketed steel armored cables the MID-SPAN™ Termination must have the same lay direction as the cable armor. **CAUTION:** Never use a MID-SPAN™ Termination with an opposite lay direction. For other uses including synthetic fiber cables and ropes, please contact PMI Industries, Inc.
  4. The MID-SPAN™ Termination was developed as a temporary cable attachment point for floats and other devices. Most designs are optimized for use on un-jacketed steel armored cables and will hold only a percentage of the cable's rated break strength. If you need to know the products load rating contact PMI Industries, Inc. PMI can perform testing to simulate critical applications.
  5. The MID-SPAN™ Termination may be removed and re-installed only once, upon initial installation and prior to loading. If removal is necessary after a MID-SPAN™ Termination has been permanently installed, it must be replaced with a new termination.
  6. Use of a Manila (round)-rope thimble (not supplied) is recommended. The thimble should be rated to support the load, sized to conform to the MID-SPAN™ Termination eye and allow the legs to cross-over each other.
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. Leather work gloves and eye protection should be worn when handling and installing this product.
  4. When passing this product over a sheave, the sheave diameter needs to be at least 40 times the diameter over the helical rods (cable + applied rods). To prevent the rod ends from lifting off the cable when passing over a sheave, use tape and/or metal bands to serve the rod ends in place.

### APPLICATION SEQUENCE

1. Position a round thimble in the eye of the MID-SPAN™ Termination. The rods should lie within the groove of the thimble. (Thimble not shown).



MID-SPAN™ Termination

### SAFETY CONSIDERATIONS

1. For proper performance and personal safety be sure to select the proper size product for your application.

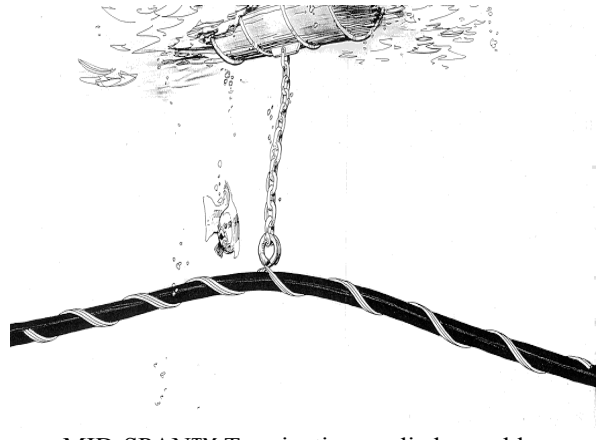


## APPLICATION PROCEDURES

2. Locate the position along the cable where the MID-SPAN™ Termination is required. The cable should lie in the gap between the two legs just below the thimble.
3. Pull each leg of the MID-SPAN™ Termination in opposite directions and start to wrap the legs onto the cable. Avoid winding the cable into the rods. For flexible cable, apply the rods with the cable under some tension. The stiffer the cable, the easier it is to apply the rods. Be careful during handling not to permanently bend the rods.
4. Continue to wrap both legs onto the cable to complete the installation. 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 MID-SPAN™ Termination application is complete.

## TROUBLE-SHOOTING

If application problems or difficulties occur, please contact PMI Industries, Inc.



MID-SPAN™ Termination applied on cable.

