



APPLICATION PROCEDURE

BENDING STRAIN RELIEF (BSR) CABLE PROTECTION

INSTALLATION GUIDELINES

1. Be sure to read and completely understand this procedure before applying this product.
2. PMI BSRs are designed for use on many types of cable and rope. They can interface with PMI terminations by attaching to the housing or can function as a stand-alone bend protection device and bolt to structures.
3. Reference drawing for dimensions and general assembly assistance.
4. Bill of material is on drawing. Check to make sure all components were included in kit. Contact PMI immediately if anything is missing.
5. The operational loads and angles are provided on our website. For detailed performance information, contact PMI.
6. It is possible to reuse PMI BSRs as long as it is in good working condition. Contact PMI for questions.

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, industry or governmental 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.
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.

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PMI supplies a variety of BSRs for many different applications. All BSRs are manufactured in-house following industry standard methods. The standard design consists of varying diameter sections, each of a different length. BSRs may look different for custom applications and can be tailored to perform in specific conditions. Attachment methods vary, but a flange is commonly supplied.

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1. Upon reception of product, unpack contents and ensure all components specified on the drawing are present and useable.
2. Full cylinder BSRs must be applied while the cable has bare ends. If a flange ring is included, it must be slid on cable first. This will mate with the BSR base later and secure it.
3. Slide BSR onto cable. Inner diameter is larger than cable for ease of installation.
4. The last step is securing the base of the BSR to a rigid object. The flange ring is supplied for this reason and can now be slid over BSR and into position.
5. Secure flange via fasteners.

Full Cylinder BSR

