

PERMA-COTE

PVC-COATED REDUCING BUSHINGS WITH SEALING SLEEVES INSTRUCTIONS

INTRODUCTION



Reducing bushings are used to reduce conduit hubs to a smaller size, accommodating changes in trade sizes that may occur in threaded rigid conduit electrical raceway systems. Perma-Cote's patent-pending PVC-coated reducing bushings have an integrally molded connection ring that fits snugly over the female conduit entry of the fitting and an integral PVC sealing sleeve on opposite end for connection with the smaller-sized conduit. This design provides a much-improved seal at connection points, creating a superior sealed system that reduces the risk of moisture ingress or damage resulting from crevice corrosion.

Industry standards recommend that working installers must be certified and in possession of unexpired certification/credentials. Proper installation ensures the PVC-coated conduit system achieves its maximum performance level and best service life. As with all installations, products should be installed in accordance with applicable specifications, codes, and standards.

APPLICATION



Using a Sawzall, knife, or other approved cutting tool, cut the PVC sleeve on the coated conduit fitting where the reducing bushing is to be installed back to the edge of the hub.

APPLICATION

2



Apply Robroy PVC Touchup Compound (Catalog # PMTC-1600, ordered separately), around the entire outside of the female conduit entry hub to help ensure a snug connection and maintain environmental integrity.

3



Thread the coated reducing bushing into the conduit entry being reduced until the reducing bushing is fully engaged and the sealing ring is in place (over the female conduit entry hub). A conduit nipple can be used to ensure the reducing bushing is fully engaged in the threaded opening (see right image above).

4



Thread the conduit into the reduced fitting. If the bushing is loose fitting, apply another pass of touchup compound at the point of connection.