



Equipment Specification
Document No.: 4350.133
Item No.: 002-02655
Asset Suite: 58148
Originating Department: Distribution Engineering



Ground Wire PVC Molding

1. ffgghIntroduction

This is a general specification that covers the minimum requirements for a PVC molding to be used in the distribution systems as dadasdadsa in Puerto Rico. Further information will be provided by LUMA Energy at the time of order placement and will provide information on site specific conditions, quantity, and other requirements. This document includes the general electrical and mechanical characteristics of the material.

2. Special Requirements

Samples shall be furnished as requested by LUMA Energy. Vendors that have supplied this material to PREPA / LUMA on previous orders, will not have to furnish samples at bid opening. The material will be received at the LUMA's general warehouse (011) at Palo Seco, Puerto Rico. Shipping will include transportation and unloading at the indicated warehouse.

3. Quantity/Literature

Descriptive and technical literature must be supplied by vendor at time of bidding. This literature may include, but is not limited to details of material, drawings, documented testing, and instructions for use and installation. Failure to submit documents on time will cause bidder disqualification. For products described in this specification as requiring qualification, awards will be made only for such products that, prior to the time for opening of bids, had been tested and/or approved by LUMA. Evidence of PREPA's and/or LUMA Energy's approval of the equipment or material shall be supplied by vendor if requested by LUMA Energy.

4. Markings

- 4.1. Containers shall be marked outside with LUMA Energy's purchase order and item number.
- 4.2. Packaging labels and tags shall be waterproof.

5. Equal or Approved Equal to

- 5.1. Joslyn MFG and Supply Co. (PM128).
- 5.2. MacLean (PM128).
- 5.3. Aerial Service Company, inc. (PM128).

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6. Packaging

All material and equipment shall be packaged and marked in such a way as to facilitate handling and protection from damage and that the receiving warehouse can readily identify it and send it, in one complete unit, to a field location without opening crates or boxes to sort items and/or parts.

7. Number Per Package (Logistics)

Standard package or as requested by LUMA.

8. Acceptance Criteria

- 8.1. Test required: certified by external qualified laboratories.
- 8.2. Latest applicable codes, standards, and other regulations:
 - a. ASTM – for UV stabilized PVC.

9. Description

- 9.1. This PVC molding is used for protection of exposed poles ground wires.
- 9.2. Material: shall be high-impact resistant PVC, gray color, and UV stabilized.
- 9.3. Dimensions: 1/2" (1.3 cm) wide X 8 ft (2.4 m) long.
- 9.4. Weight per 1,000 ft (304.8 m): 50 lbs (22.7 kg).
- 9.5. Shall be of the standard design to be secured to the pole with square shank.

10. Inspection

The acceptance of any material or equipment shall in no way relieve the vendor from his responsibility to meet all the requirements of this specification, and it would not prevent subsequent rejection if such materials were found later to be defective.

— End of Specification —

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Document History

Version	3
Date	12/8/2021
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