



Document Title:
Staple, Roller-Point Galvanized Wire

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Material Specification

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Distribution Standards & Materials

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Document History

Date	Revision Comments
Aug. 29, 2022	Initial Release for item 002-02705. Converted from PREPA to LUMA format.
Sep. 28, 2022	Item 002-02671 and section 12 added. Title, sections 5, 7, 9, and Appendix 1 changed.

Warehouse Catalog	Item Version	Date
002-02705	3	8/29/2022
002-02671	4	9/28/22



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1. Introduction

This is a general specification that covers the minimum requirements for roller-point galvanized wire staples to be used in the distribution system 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 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. Labels and tags shall be waterproof.

5. Equal or Approved Equal to

See Table 1 for suggested manufacturer and model.

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.

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7. Number Per Package (Logistics)

One Thousand (1,000) units per box or as requested by LUMA Energy.

8. Acceptance Criteria

- 8.1. Test required: certified by external qualified laboratories.
- a. Latest applicable codes, standards, and other regulations: ANSI/ASTM A153.

9. Description

- 9.1. These staples are used to secure ground wire and ground wire molding to wood poles.
- 9.2. Staples shall be rolled point.
- 9.3. Characteristics:
- a. Material: Hot Dip Galvanized Steel as per ASTM A153. Copper coated will be acceptable as alternate.
- b. For Dimensions and Weight see Table 1.

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.

11. Proposal Information

- 11.1. Submitted proposals must include:
- a. Technical information
- b. Table of Compliance completed by the bidder with reference. (See Appendix 1)

12. Table 1: Warehouse and Asset Suite Identification Number

Warehouse Catalog #	Asset Suite #	Dimensions			Approximate Weight / 100	Suggested Manufacturer & Model
		Length	Width	Wire Diameter		
002-02705	58151	2" (5.08 cm)	1-1/16" (2.70 cm)	3/16" (0.48 cm)	3.1 lbs. (1.4 kg)	Joslyn (J127) MacLean (J6521)
002-02671	58149	2" (5.08 cm)	1/2" (1.27 cm)	0.162" (0.41 cm)	2.5 lbs. (1.1 kg)	Joslyn (J156) MacLean (J156)

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Appendix

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Appendix 1: Table of Compliance

Line	Criteria	Description	Pass/Fail (P/F)	Comments
1	Specification	The Proponent complies with the corresponding specification document (4350.265)		
2	Industry Standards	The Proponent complies with the industry standards established in the specification document. (ANSI/ASTM)		
3	Dimensions	<ul style="list-style-type: none">• 002-02705: 2" X 1-1/16" X 3/16"• 002-02671: 2" X 1/2" X 0.162"		
4	Approximate Weight/100	<ul style="list-style-type: none">• 002-02705: 3.1 lbs.• 002-02671: 2.5 lbs.		
5	Material	Hot Dip Galvanized Steel. <ul style="list-style-type: none">• Copper coated as alternate.		











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Final Audit Report

2022-09-28

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