



Document Title:

Pole Sling

Document Type:

Material Specifications

Document No.:

4350.250

Department:

Distribution Standards & Materials

Issue Date:

December 21, 2022

Effective Date:

Jan 9, 2023

Author

Rodolfo A Flores Ortiz PE
Standards Engineer, Distribution Standards & Materials

Signature and Date

Dec 21, 2022

Reviewer

Miguel J. Rios López PE
Standards Engineer, Distribution Standards & Materials

Signature and Date

Dec 21, 2022

Approver

Ricardo Castro Gómez PE
Manager, Distribution Standards & Materials

Signature and Date

Jan 9, 2023

Document History

Date	Revision Comments
Dec 21, 2022	Initial Release. Item version 4.

Warehouse Catalog	Item Version	Date
072-02617	4	12/21/2022



Equipment Specification
Document No.: 4350.250
Item Number: 072-02617
Asset Suite: 44826
Originating Department: Distribution Engineering



Pole Sling

1. Introduction

This is a general specification that covers the minimum requirements for the pole sling 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 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, item number, name and size, net and gross weight, manufacturer's name, and lot number.
- 4.2. Packaging labels and tags shall be waterproof.

5. Equal or Approved Equal to

Klein Tools, model 5606



Equipment Specification

Document No.: 4350.250

Item Number: 072-02617

Asset Suite: 44826

Originating Department: Distribution Engineering

Pole Sling

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)

One (1) per package or as requested by LUMA.

8. Acceptance Criteria

- 8.1. Test required: certified by external laboratories.
- 8.2. Latest applicable codes, standards, and other regulations.

9. Description

- 9.1. Pole sling for lifting and managing heavy equipment.
- 9.2. Shall be made of 2-inch-wide nylon web.
- 9.3. Shall have D rings at both ends. One of the D rings shall be approximately 3-1/2 inch wide and the other one 2-1/2 inch wide.
- 9.4. Sling shall have a minimum length of approximately 35 inches.
- 9.5. Shall be resistant to oil, creosote, and moisture.
- 9.6. Minimum capacities:
 - a. Choke hitch: 3,000 lbs
 - b. Basket hitch: 4,700 lbs
- 9.7. Fall protection anchoring points will not be accepted.
- 9.8. The sling shall be manufactured with the warning "NOT FOR HUMAN SUPPORT" completely sewed on across one side of the sling. Additionally, it must include a label that states the capacities of the sling and any other pertinent information. This label must be sewed onto the sling permitting full visibility of it to the user. The label must be completely sewed on all its sides to avoid detachment due to usage or tampering. Labels that are not completely attached to the sling will not be accepted.



Equipment Specification

Document No.: 4350.250

Item Number: 072-02617

Asset Suite: 44826

Originating Department: Distribution Engineering

Pole Sling

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)

— End of Specification —



Equipment Specification

Document No.: 4350.250

Item Number: 072-02617

Asset Suite: 44826

Originating Department: Distribution Engineering

Pole Sling

Appendix



Equipment Specification

Document No.: 4350.250

Item Number: 072-02617

Asset Suite: 44826

Originating Department: Distribution Engineering

Pole Sling

Appendix 1: Table of Compliance

Line	Criteria	Description	Pass/Fail (P/F)	Comments
1	Specification	The Proponent complies with the corresponding specification document.		
2	Industry Standards	The Proponent complies with the industry standards established in the specification document.		
3	Dimensions	Minimum 35 inches long by 2 inch wide		
4	Rings	D rings. One 3.5 in and another 2.5 in		
5	Material	Nylon web. Resistant to oil, creosote, and moisture.		
6	Strength	<ul style="list-style-type: none">• Choke hitch: 3,000 lbs• Basket hitch: 4,700 lbs		
7	Labels	Must be manufactured with the required labeling and correctly attached		











4350.250 Pole Sling (12-21-2022)

Final Audit Report

2023-01-09

Created:	2022-12-21
By:	Rodolfo Flores (rodolfo.floresortiz@lumapr.com)
Status:	Signed
Transaction ID:	CBJCHBCAABAA397OYEGTZveE45ZET6M83nRgd0oof10D

"4350.250 Pole Sling (12-21-2022)" History

-  Document created by Rodolfo Flores (rodolfo.floresortiz@lumapr.com)
2022-12-21 - 2:39:49 PM GMT
-  Document e-signed by Rodolfo Flores (rodolfo.floresortiz@lumapr.com)
Signature Date: 2022-12-21 - 2:40:55 PM GMT - Time Source: server
-  Document emailed to Miguel Rios (miguel.rioslopez@lumapr.com) for signature
2022-12-21 - 2:40:56 PM GMT
-  Email viewed by Miguel Rios (miguel.rioslopez@lumapr.com)
2022-12-21 - 2:42:16 PM GMT
-  Document e-signed by Miguel Rios (miguel.rioslopez@lumapr.com)
Signature Date: 2022-12-21 - 2:43:05 PM GMT - Time Source: server
-  Document emailed to ricardo.castro@lumapr.com for signature
2022-12-21 - 2:43:06 PM GMT
-  Email viewed by ricardo.castro@lumapr.com
2023-01-09 - 4:07:02 PM GMT
-  Signer ricardo.castro@lumapr.com entered name at signing as Ricardo Castro Gómez
2023-01-09 - 4:08:08 PM GMT
-  Document e-signed by Ricardo Castro Gómez (ricardo.castro@lumapr.com)
Signature Date: 2023-01-09 - 4:08:10 PM GMT - Time Source: server
-  Agreement completed.
2023-01-09 - 4:08:10 PM GMT