

Fittings, Flexible Cord and Cable, Liquidtight**1. Scope**

This standard covers the requirements for liquidtight flexible cord and cable fittings.

This material standard applies to the following Seattle City Light (SCL) stock numbers:

Stock No.	Trade Size (in)	Cable Range Dia. (in)
010692	3/4	0.250 – 0.375
012522	1/2	0.125 – 0.250
012523	1/2	0.250 – 0.375
012524	1/2	0.375 – 0.500

2. Application

Fittings are used to connect flexible cord and cable to a box or enclosure. The neoprene bushings supplied with the fitting forms a watertight seal for the cord and provides secure pull-out protection for cord, ensuring a secure connection.

3. Industry Standards

Fittings shall meet the applicable requirements of the latest revision of the following industry standards:

NEMA FB 1; "Fittings, Cast Metal Boxes, and Conduit Bodies for Conduit, Electrical Metallic Tubing, and Cable"

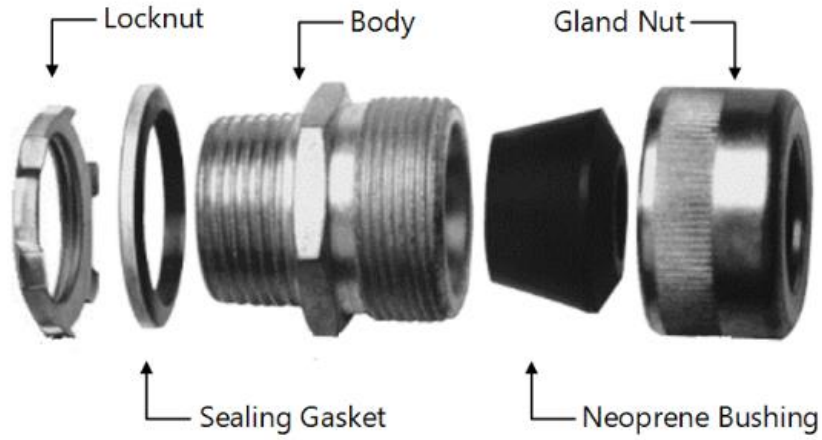
UL 514B; "Conduit, Tubing, and Cable Fittings"

4. Requirements

Fittings shall have the following attributes:

- NEMA 3R rating
- Steel with zinc electroplate construction
- Chromate finish coating
- Neoprene bushing

Figure 4. Fitting Components



5. Packaging

Each standard package shall be legibly marked with the following information:

- Manufacturer identification
- Product description
- SCL stock number
- Quantity contained

Each shipping container shall be legibly marked with the following information:

- SCL purchase order number

6. Issuance

Stock Unit: EA

7. Approved Manufacturers

Stock No.	Trade Size (in)	Cable Range Dia. (in)	Eaton (Cooper, Crouse-Hinds) Catalog No.
010692	3/4	0.250 – 0.375	CGB293-SG
012522	1/2	0.125 – 0.250	CGB192-SG
012523	1/2	0.250 – 0.375	CGB193-SG
012524	1/2	0.375 – 0.500	CGB194-SG

8. Sources

Shetab, Muneer; SCL Standards Engineer, originator, and subject matter expert for 7331.50 (muneer.shetab@seattle.gov)

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