

Sealant Strips, Heat-Shrink, Mastic



1. Scope

This standard covers the requirements for heat-shrink, mastic, sealant strips.

This standard applies to Seattle City Light (SCL) Stock No. 686541.

2. Application

Sealant strips are used to seal the ends of uncoated tubing and molded parts, including high voltage splices and terminations.

Sealant strips are also used in low-voltage applications requiring void-filling.

3. Industry Standards

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

ASTM 2671; Standard Test Methods for Heat-Shrinkable Tubing for Electrical Use

ASTM D149; Standard Test Method for Dielectric Breakdown Voltage and Dielectric Strength of Solid Electrical Insulating Materials at Commercial Power Frequencies

ASTM D257; Standard Test Methods for DC Resistance or Conductance of Insulating Materials

ASTM D2303; Standard Test Methods for Liquid-Contaminant, Inclined-Plane Tracking and Erosion of Insulating Materials

ASTM G21; Standard Practice for Determining Resistance of Synthetic Polymeric Materials to Fungi

ASTM D543; Standard Practices for Evaluating the Resistance of Plastics to Chemical Reagents

4. Requirements

Sealant strips shall meet the requirements as shown in Table 4.

Table 4. Sealant Strip Requirements

Width (in)	2
Length (in)	15
Thickness (in)	0.03
Color	Red
Dielectric strength, min. (V/mil)	200

5. Packaging

Sealant strips shall be packaged to prevent damage during shipping, handling, and storage.

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

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

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

- SCL purchase order number
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6. Issuance

Stock Unit: EA

7. Approved Manufacturers

Manufacturer	Catalog No.
ET Connectivity (formerly Raychem, formerly Tyco Electronics)	S1085-3-380 (B15) (15 strips/box)

8. Sources

Shetab, Muneer; SCL Standards Engineer, originator, and subject matter expert for 7374.89

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