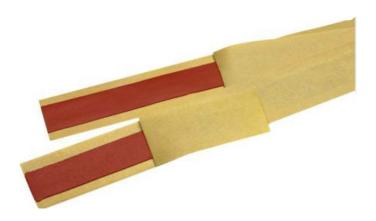
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# Sealant Strips, Heat-Shrink, Mastic



# 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

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Standard Number: **7374.89** 

Seattle City Light

MATERIAL STANDARD

Sealant Strips, Heat-Shrink, Mastic

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### 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

#### 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

Stock Catalog Page 73-38; January 11, 2018

TE Energy Ready Reference Guide, 2018