Sealing Caps, Cold Shrink Type

1. Scope

This standard covers the requirements for cold shrink type cable end sealing caps.

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

Stock No.	Use Range (in)	Nominal Length (in)
011682	0.46 to 0.82	2.5
011683	0.63 to 1.18	2.75
011684	1.02 to 1.94	3
011685	1.79 to 3.32	3.5

2. Application

Sealing caps are used for mechanical and environmental protection of cable ends.

Product is considered non-flame retardant.

Installation requires no special tools.

3. Requirements

Sealing caps shall have the following attributes:

Material	Mixed polyethylene
Color	Black
Wall thickness (in)	0.15
Operating temperature, range	
°C	-40 to 65
°F	-40 to 149
Installation temperature, minimum	
°C	-10
°F	20
Shelf life (years)	5

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Sealing caps shall be suitable for direct bury, submersible, indoor, outdoor, and overhead application.

Sealing caps shall be ozone and ultraviolet light resistant.

Sealing caps shall meet the use range cited in Section 1.

Sealing cap interiors shall be close-ended, tubular, rubber sleeves that are factory expanded and loaded onto a removable core.

4. Packaging

Sealing caps shall be packaged to prevent damage during shipping, handling, and inside storage.

Sealing caps shall be packaged and shipped in their natural round state. Product received bent, collapsed, creased, or otherwise deformed will not be accepted.

Individual packages shall be legibly marked with:

- Manufacturer name
- Manufacturer catalog number
- Product description
- Seattle City Light stock number

Shipping containers shall be legibly marked with:

- Seattle City Light purchase order number

5. Issuance

Stock Unit: EA

6. Approved Manufacturers

Stock No.	Manufacturer	Catalog No.
011682	3M	EC1
011683	3M	EC2
011684	3M	EC3
011685	3M	EC4

7. Sources

3M Product Data Sheet, Cold Shrink EPDM Tubes; 2003

3M Product Data Sheet, Cold Shrink End Caps EC-Series; 2013

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