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## Masks, Ear-Loop, Disposable



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### 1. Scope

This standard covers the requirements for disposable ear-loop masks.

This standard applies to Seattle City Light (SCL) Stock No. 013004.

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### 2. Application

Ear-loop masks are disposable, personal protective equipment (PPE) that create a physical barrier between the mouth and nose of the wearer and potential contaminants in the immediate environment.

If worn properly, masks help block large-particle droplets, splashes, sprays, or splatter that may contain viruses and bacteria, keeping such substances from reaching the wearer's mouth and nose.

Masks are also intended to help remind the wearer to not touch their mouth or nose, which could otherwise transfer viruses and bacteria to wearer after having touched a contaminated surface.

Masks, by design, do not filter or block very small particles in the air that may be transmitted by coughs or sneezes.

Masks are intended for single use only.

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### 3. Industry Standards

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

**ASTM F2100**, Standard Specification for Performance of Material Used in Medical Face Masks

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Standards Coordinator  
Quan Wang

Standards Supervisor  
John Shipek

Unit Director  
Andrew Strong

Handwritten signature of Quan Wang in black ink.

Handwritten signature of John Shipek in black ink.

Handwritten signature of Andrew Strong in black ink.

#### 4. Requirements

Masks shall have the following attributes:

- Pleated style with ear loops
- 3-layer design
  - Outside, moisture proof woven layer (25g/m<sup>2</sup>)
  - Middle layer, meltdown woven (20g/m<sup>2</sup>)
  - Inside layer, non-woven (25g/m<sup>2</sup>)
- Bacterial Filtration Efficiency (BFE) ≥ 95% (BFE is measured in percentage of particles filtered out at a pore size of 3.0 microns (μ).)
- Fluid resistant
- Low breathing resistance
- Latex-free and hypo-allergenic
- Adjustable nose clip

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#### 5. Packaging

Product 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
- Manufacturer catalog number
- Quantity contained

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

- Seattle City Light purchase order number

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#### 6. Issuance

Stock unit: EA

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#### 7. Approved Manufacturers

Manufacturer	Catalog No.	Standard Package
3M	2000F	50/box
3M - Nexcare	H1820	20/box

Note: Seattle City Light Material Control personnel may identify and utilize alternate manufacturers for this stock item providing requirements described in this standard are met.

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#### 8. Sources

**Face Masks, Choosing the Right Protection for You, 70-2013-0889-0**; 3M,  
Rev 04/2020

**www.CDC.gov**

**Seattle City Light Mask Options**, informational flyer; distributed June 1, 2020

**Seattle City Light, COVID-19 Pandemic Facemask Frequently Asked Questions**;  
Seattle City Light, April 13, 2020

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