

Ground Gloves



1. Scope

This standard covers the requirements for ground gloves.

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

Stock No.	Size
013954	Small
013955	Medium
013956	Large
013957	X-Large
013958	2X-Large

2. Application

Ground gloves are intended primarily for use by those needing cut resistance. They may also benefit members of other trades. Ground gloves are also known as mechanic hybrid gloves.

Ground gloves are **not** appropriate for use as protectors over insulating rubber gloves or for any sort of protection against shock or hazardous voltage.

While ground gloves have a level 2 category rating of arc flash/fire resistance protection, they are **not** appropriate for work with a high arc flash/flame exposure.

3. Industry Standards

Ground gloves shall meet the applicable requirements of the following industry standards:

ANSI/ISEA 105-2016; American National Standard for Hand Protection

ASTM F2675/F2675M-13; Standard Test Method for Determining Arc Ratings of Hand Protective Products Developed and Used for Electrical Arc Flash Protection

ASTM F1790 05; Standard Method for Measuring Cut Resistance of Materials Used in Protective Clothing

Standards Coordinator
Laura Vanderpool

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Unit Director
Andrew Strong

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4. Requirements

Ground gloves shall be:

- Made from goatskin leather
 - Kevlar® fiber by DuPont™ in the palm for cut resistance
 - FR Nomex® top of hand
 - Arc flash rated at AR/FR 12 (12 cal/cm²)
 - Cut resistant rated per ANSI/SEA 105-2016 levels 2 and 3
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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:

- Manufacturer identification
 - SCL purchase order number
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6. Issuance

Stock Unit: PR

7. Approved Manufacturer

Youngstown Glove Co.

Stock No.	Description	Size	Catalog No.
13954	Mechanic hybrid glove	Small	12-3270-80-Small
13955	"	Medium	12-3270-80-Medium
13956	"	Large	12-3270-80-Large
13957	"	X-Large	12-3270-80-XLarge
13958	"	2X-Large	12-3270-80-2XLarge

8. References

www.ytgloves.com

9. Sources

Tilley, Kathy; SCL Electrical Engineering support specialist, subject matter expert, and originator of 4010.13 (kathy.tilley@seattle.gov)

Davis, Kevin; Field Safety Operations Manager and subject matter expert for 4010.13 (kevin.davis@seattle.gov)

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