

GLOVES, INSULATING, RUBBER, CLASS 0



1. Scope

This material standard covers the requirements for Class 0 electrical insulating rubber gloves.

The requirements for leather protector gloves, appropriate for use with Class 0 rubber gloves, are specified in Material Standard 7634.20.

The requirements for Class 1 and 2 insulating rubber gloves are specified in Material Standards 7634.61 and 7634.62 respectively.

This material standard applies to the following Seattle City Light Stock Numbers:

Stock Number	Size	Length, in
012269	7	11
763359	8	11
012796	8 short finger	11
763360	9	11
763362	9-1/2	11
763364	10	11
763366	10-1/2	11
763368	11	11
013361	12	11
013258	09-1/2	14
013259	10-1/2	14

2. Application

The phase-to-ground voltage to which the rubber insulating gloves may be exposed shall be limited to the *maximum use voltage* (see detailed requirements) of the glove.

The gloves specified in this standard are only appropriate for use on systems rated 1000 V or less.

Refer to WAC 296-45 and ASTM F-496, Section 3 for more information.

Gloves with an overall length of 14 inches, Stock Numbers 013258 and 013259, are used exclusively by network protector crews.

3. Industry Standards

Gloves shall meet the requirements of the following industry standards:

ASTM D 120-08 - Standard Specification for Rubber Insulating Gloves

ASTM F 496-08 - Standard Specification for In-Service Care of Insulating Gloves and Sleeves

4. Detailed Requirements

Gloves shall have the following electrical ratings and attributes:

type	I, non-resistant to ozone
class	0
length	as specified in section 9
length tolerance, in	+0, -1/2
glove color (outside)	yellow
glove color (inside)	yellow
cuff design	straight
halogenation treatment	required, or approved equal treatment
class color	red
proof test	5,000 V ac (rms)
maximum use voltage	1,000 V ac (rms)

standards coordinator	standards supervisor	unit director
 John Shipek	 John Shipek	 Darnell Cola

MATERIAL STANDARD
Gloves, Insulating, Rubber, Class 0

5. Marking

Each glove shall be marked according to the requirements of ASTM D-120, Section 7.

6. Testing

Gloves shall be tested according to the requirements of ASTM D-120 and F-496.

Test data that establishes compliance with the requirements of ASTM D-120 and ASTM F-496 shall be provided upon request.

7. Packaging

Gloves shall be packaged according to the requirements of ASTM D-120, Section 15, with the following clarification that the outside of each package shall be marked with Seattle City Light's Stock Number.

8. Issuance

PR

9. Approved Manufacturers

Stock No	Size	Length, in	Manufacturers and Catalog Numbers		
			Chance	Marigold Industrial	Salisbury
012269	7	11	PSC011Y7	-	E011Y/7
763359	8	11	PSC011Y8	-	E011Y/8
012796	8 short finger	11	-	1570118	-
763360	9	11	PSC011Y9	-	E011Y/9
763362	9-1/2	11	PSC011Y9H	-	E011Y/9H
763364	10	11	PSC011Y10	-	E011Y/10
763366	10-1/2	11	PSC011Y10H	-	E011Y/10H
763368	11	11	PSC011Y11	-	E011Y/11
013361	12	11	PSC011Y12	-	E011Y12
013258	9-1/2	14	-	-	E014Y/9H
013259	10-1/2	14	-	-	E014Y/10H

10. References

ASTM F 696-06: "Standard Specification for Leather Protectors for Rubber Insulating Gloves and Mittens;" ASTM

ASTM F 819-08: "Standard Terminology Relating to Electrical Protective Equipment for Workers;" ASTM

Chance product catalog; Chance (Hubbell Power Systems)

Chance website; www.hubbellpowersystems.com

The Lineman's and Cableman's Handbook; McGraw-Hill Professional; 9th edition

Salisbury product catalog; Salisbury

Salisbury by Honeywell website; www.whsalisbury

SCL 7634.20; "Gloves, Leather Protectors"; Material Standard

SCL 7634.61; "Gloves, Insulating, Rubber, Class 1"; Material Standard

SCL 7634.62; "Gloves, Insulating, Rubber, Class 2"; Material Standard

Shipek, John; SCL Standards Engineer; originator and subject matter expert for 7634.60 (john.shipek@seattle.gov)

Tawney, Everette; subject matter expert (everette.tawney@seattle.gov)

WAC 296-25505 (1); "Personal Protective Equipment"; *Washington Administrative Code*; Washington State