

**Gloves, Insulating, Rubber, Class 2**



**1. Scope**

This material standard covers the requirements for Class 2 electrical insulating rubber gloves.

The requirements for leather protector gloves, appropriate for use with Class 2 rubber gloves, are specified in Material Standard 7634.21.

The requirements for Class 0 insulating rubber gloves are specified in Material Standard 7634.60.

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

Stock Number	Size
012924	8
012925	8-1/2
012926	9
012927	9-1/2
012928	10
012929	10-1/2
012930	11
012932	12

**2. Application**

In Washington State, insulating rubber gloves are only appropriate for use as a secondary layer of personal protection for the purpose of guarding against accidental contact with primary voltage.

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 26.4 kV (line-to-line) or less.

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

**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	2
length	14 inches
glove color (outside)	black
glove color (inside)	red or yellow
cuff design	straight
halogenation treatment	required, or approved equal treatment
class color	yellow
proof test	20,000 Vac (rms)
maximum use voltage	17,000 Vac (rms)

**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.

**8. Issuance**

PR

**9. Approved Manufacturers**

Stock No	Size	Salisbury		Chance	
		Inside Red	Inside Yellow	Inside Red	Inside Yellow
012924	8	NG 214RB/8	NG214YB/8	PSC214RB8	PSC214YB8
012925	8-1/2	NG 214RB/8H	NG 214YB/8H	PSC214RB8H	PSC214YB8H
012926	9	NG 214RB/9	NG 214YB/9	PSC214RB9	PSC214YB9
012927	9-1/2	NG 214RB/9H	NG 214YB/9H	PSC214RB9H	PSC214YB9H
012928	10	NG 214RB/10	NG 214YB/10	PSC214RB10	PSC214YB10
012929	10-1/2	NG 214RB/10H	NG 214YB/10H	PSC214RB10H	PSC214YB10H
012930	11	NG 214RB/11	NG 214YB/11	PSC214RB11	PSC214YB11
012932	12	NG 214RB/12	NG 214YB/12	PSC214RB12	PSC214YB12

**10. References**

**7634.21**; "Gloves, Leather Protectors;" Material Standard; SCL

**7634.60**; "Gloves, Insulating, Rubber, Class 0;" Material Standard; SCL

**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](http://www.hubbellpowersystems.com)

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

**Salisbury** product catalog; Salisbury

**Salisbury** website; [www.salisburybyhoneywell.com](http://www.salisburybyhoneywell.com)

**Shipek, John**; SCL Standards Supervisor, subject matter expert, and originator of 7634.62

**Tawney, Everette**; subject matter expert

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