

# Rubber-insulating gloves user instructions

These gloves are designed and tested to USA-ASTM D120.

When CHANCE® rubber-insulating gloves are used in good condition and within specified voltage limits, they will protect the user from electric shocks which can cause serious physical injury, burns, or death.

## ! WARNING

ALWAYS use rubber-insulating gloves in the appropriate voltage class. (Refer to ASTM D120 for chart.)

## ! WARNING

This product contains natural rubber latex, which may cause allergic reactions.

### PROPER USE

Using rubber-insulating gloves in the appropriate voltage class is essential to user safety. Remove all jewelry and sharp objects from your hands or arms before wearing gloves – they will cause damage to the rubber gloves which will affect glove safety and performance. In order to maintain the highest level of insulating protection and ensure long life, it is essential that gloves are properly cared for, stored, inspected and electrically tested periodically.

### MECHANICAL PROTECTION

Leather protectors must be worn over rubber-insulating gloves to provide mechanical protection against cuts, abrasions and punctures as well as protect the rubber gloves from possible physical damage in use. See ASTM F496 for exceptions regarding finger dexterity requirements and low voltage use.

To maintain an adequate flashover distance between the end of the protector cuff and the end of the rubber glove cuff, the rubber glove cuff must be longer than the protector cuff. See table below :

## ! WARNING

Do not use rubber gloves showing signs of physical damage or other irregularities.

CLEARANCE (FLASHOVER DISTANCE)  
TABLE PER ASTM F496

Glove Class	Min. flashover distance between protectors and rubber Gloves	
	inches	mm
0, 00	1/2	13
1	1	25
2	2	51
3	3	76
4	4	102



### INSPECTION BEFORE USE

**Daily visual inspection:** Inspect rubber-insulating gloves for damage prior to use on a daily basis and after any incident suspected of causing damage. Look for signs of physical damage (punctures, cuts, nicks, cracks, scratches and abrasions), chemical deterioration (swelling, softness, hardening, stickiness), ozone deterioration, and other irregularities.

**Daily air-testing:** Air-expand Type I gloves no more than twice their normal size. Expansion stretches the rubber, making cuts, ozone damage and abrasions easy to detect. Listen for escaping air to detect holes. If a portable inflator is unavailable, manually inflate the glove by rolling the cuff tightly to trap air inside; then apply pressure to areas of the glove to listen for escaping air. Repeat procedure with glove turned inside out. More detailed inspection procedures and defect illustrations are described in ASTM F1236 (Standard Guide for Visual Inspection of Electrical Protective Rubber Products).

**Electrical testing:** Rubber-insulating gloves must be electrically tested at least once every six (6) months. (The detailed testing procedures described in ASTM Standard F496 usually require a laboratory equipped for such testing).

### CARE

Rubber-insulating gloves can be damaged by many chemicals, especially petroleum-based products (oils, gasoline, hydraulic fluid) solvents, hand creams, pastes and salves. If any rubber glove is exposed to chemical contaminants or suspected of any other physical damage, it should be cleaned, inspected, and electrically re-tested. The first sign of chemical exposure is swelling in the area of contamination.

### CLEANING & STORAGE

To clean rubber-insulating gloves, wash with a mild soap and rinse thoroughly with water. Only use soapy water or denatured alcohol to clean label area. Air-dry the glove at less than 120° F (49° C) away from direct sunlight and sources of ozone or high heat.

Store dry rubber gloves in a protective bag when not in use, away from excessive heat and direct sunlight. Do not store gloves folded, creased, inside out, compressed or in any manner that will cause stretching or compression.

NOTE : Because Hubbell has a policy of continuous product improvement, we reserve the right to change design and specifications without notice.