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JIS Z 4810 : 2005

(JSAA/JSA)

## Protective rubber gloves for radio- active contamination

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## Foreword

This translation has been made based on the original Japanese Industrial Standard revised by the Minister of Economy, Trade and Industry through deliberations at the Japanese Industrial Standards Committee as the result of proposal for revision of Japanese Industrial Standard submitted by Japan Safety Appliances Association (JSAA)/ Japanese Standards Association (JSA) with the draft being attached, based on the provision of Article 12 Clause 1 of the Industrial Standardization Law applicable to the case of revision by the provision of Article 14.

Consequently **JIS Z 4810** : 1995 is replaced with this Standard.

Attention is drawn to the possibility that some parts of this Standard may conflict with a patent right, application for a patent after opening to the public, utility model right or application for registration of utility model after opening to the public which have technical properties. The relevant Minister and the Japanese Industrial Standards Committee are not responsible for identifying the patent right, application for a patent after opening to the public, utility model right or application for registration of utility model after opening to the public which have the said technical properties.

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In the event of any doubts arising as to the contents,  
the original JIS is to be the final authority.

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## Protective rubber gloves for radioactive contamination

**1 Scope** This Japanese Industrial Standard specifies the protective rubber gloves for radioactive contamination (hereinafter referred to as "gloves") used in the establishments related to nuclear energy.

**2 Normative references** The following standards contain provisions which, through reference in this text, constitute provisions of this Standard. The most recent editions of the standards (including amendments) indicated below shall be applied.

JIS K 6250 *Rubber—General rules of physical testing methods*

JIS K 6251 *Rubber, vulcanized or thermoplastic—Determination of tensile stress-strain properties*

JIS K 6252 *Rubber, vulcanized or thermoplastics—Determination of tear strength*

JIS K 6257 *Rubber, vulcanized or thermoplastic—Determination of heat ageing properties*

JIS K 6258 *Rubber, vulcanized or thermoplastic—Determination of the effect of liquids*

JIS Z 9015-1 *Sampling procedures for inspection by attributes—Part 1 : Sampling plans indexed by acceptable quality level (AQL) for lot-by-lot inspection*

### 3 Type and dimension

**3.1 Type** The gloves are classified according to the material and shape to use as follows.

#### 3.1.1 Material

- a) **Class 1** Gloves which use natural rubber latex as the main material
- b) **Class 2** Gloves which use synthetic rubber latex, natural rubber solutions or synthetic rubber solutions as the main material

#### 3.1.2 Shape

- a) **Shape S** Straight finger type gloves
- b) **Shape C** Bent finger type gloves

**3.2 Main material** The material of gloves shall be natural rubber latex, synthetic rubber latex, natural rubber solutions or synthetic rubber solutions.

**Information :** Since some people are sensitive to the water-soluble protein of natural rubber origin (immediate type I allergy), the gloves made of other rubber compounding may be required.