

EPDM RADIATION RESISTANT BOX GLOVES

STYLE NUMBER

ER-7M2432/10A ER-8M2432/10A ER-10M2432/10A

PRODUCT FEATURE

- Manufactured using advanced transfer molding technology, which significantly enhances rubber density and allows for localized reinforcement in high-wear areas of the glove. The production process is environmentally friendly and solvent-free.
- Outstanding Radiation Protection Lead Equivalent = 0.2mmPb, 0.15mmPb, 0.1mmPb, 0.05mmPb, 0.025mmPb. According to requirements, products with a lead equivalence greater than 0.2mmPb are also available.
- Lead Free, made of Ethylene Propylene Diene Rubber (EPDM).
- Excellent chemical resistance, ozone resistance and wear resistance.
- High durability plus ideal flexibility and comfort.



FIELD OF APPLICATION

Nuclear industry, Aerospace industry, Nuclear medicine, Nuclear research

TECHNICAL INFORMATION

Technology	Transfer Molding	Certification	YY/T 0292.1-2020 GB 28881-2012
Lead Equivalent	0.2mmPb, 0.15mmPb, 0.1 mmPb, 0.05mmPb, 0.025mmPb	Lead Free	Yes
Basic Material	EPDM	Color	Black
Palmar Features	Ambidextrous	Surface Finish	Smooth
Cuff Style	Transfer Molded Rolled Bead	Applicable Temperature	-30°C ~125°C
Cleaning	Sterilizable by Autoclaving	Shelf Life	36 months
Packaging	Each piece vacuum-sealed in a plastic bag	Case Pack	10 pairs / box
Manufacturer	East Rock	Country of Origin	China
Function	Resistant to radiation, chemical, oil, solvent, UV		

PERFORMANCE TEST DATA

Test Standard : YY/T 0292.1-2020

Medical Diagnostic X-ray Radiation Protection Apparatus -

Part 1: Determination Of Attenuation Properties Of Materials

Lead Equivalent	0.15mmPb
Narrow Beam	120kV
Half-value Layer	4.18mmAl

Test standard:GBZ/T147-2002

Determination of attenuation properties for protective materials against X-rays

Test Material	keV	Shielding Ratio	Lead Equivalent
¹³⁷ Cs	661.6	-5.00%	0.3mmPb

Test Standard : GB 28881-2012

Hand Protective - Chemicals And Microbial Protective Gloves

Permeability Resistance Test

Chemicals	Performance Grade
96% Sulfuric Acid 7664-93-9	Grade 5
40% Sodium Hydroxide 1310-73-2	Grade 6
65% Nitric Acid 7697-37-2	Grade 6
30% Hydrogen Peroxide 7722-84-1	Grade 6
Acetonitrile 75-05-8	Grade 3