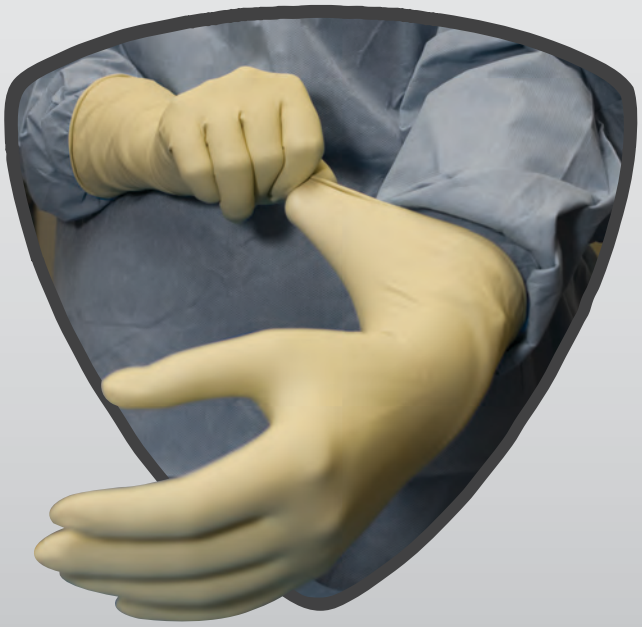
Attenuator-X

Radiation Protection Gloves



Features:

- 100% Sterile
- Natural Rubber
- Powder Free
- Highest attenuation efficiency for protection from secondary radiation
- Lead Free, for safe, easy and environmentally conscious disposal
- Exceptional tactile sensitivity and superior flexibility for comfort and durability
- Textured palm and finger surface for enhanced gripping and touch sensation
- Ease of donning and removal with rolled and beaded cuff
- Available in six sizes: 6 ½, 7, 7 ½, 8, 8 ½ and 9

Attenuator-X radiation protection gloves, exclusively designed for hand protection from scattered radiation during interventional procedures, cardiology, diagnostic radiology, and similar procedures, offer outstanding product quality and the best attenuation in the industry.

SHIELDING INC INTERNATIONAL

0% LEAD
100% SAFE

Attenuator-X

Radiation Protection Gloves

Technical Data

Size	Minimum Length (mm/inches)	Model No.
6 ½	280/11.0	AX-6.5
7	280/11.0	AX-7
7 ½	285/11.2	AX-7.5
8	285/11.2	AX-8
8 ½	290/11.4	AX-8.5
9	290/11.4	AX-9

Technical Parameters	Before Aging	After Aging
Finger tip thickness (mm/mils)	0.35/14	0.35/14
Palm thickness (mm/mils)	0.32/13	0.32/13
Cuff thickness (mm/mils)	0.30/12	0.30/12
Lead equivalence (mm Pb)	0.04	0.04
Tensile strength (MPa)	Min 16	Min 14
Minimum elongation , (%)	700	550
Color	Khaki	
Material	Natural Latex	
Protective material	Mixture of lead-free elements	
Donning Agent	None – Powder free	
Azo dyes	None	
Residual Powder	Less than 2 micrograms/glove	
Protein content	Less than 50 micrograms/gram	
Sterilization	Gamma sterilization	
Packing	One sterile pair per pouch	
Storage	Store in cool, dry place	

Quality Parameters	
Dimensions & physical properties as per EN 420	S-2, AQL 4.0
Inspection for holes as per EN 455	100%
Visual inspection for major and minor defects	100%
1000 ml water test	100%
Attenuation/lead equivalence as per EN 1331-1	N-5
Tensile testing as per EN 455	N-10

Shielding International's gloves are registered with the US FDA and are CE certified. Our quality management systems adhere to the guidelines of EN and ASTM Standards.

Applications

- Thrombolytic & Fibrinolytic Procedures
- Percutaneous Transhepatic Cholangiography
- Endoscopic Retrograde Cholangiopancreatography
- Percutaneous Coronary Interventions
- Percutaneous Nephrostomy
- Stent & Filter Placement
- Urinary/Biliary Stone Removal • Biliary Drainage
- Beta Radiation Catheterization (Y-90 source)
- Percutaneous Transmyocardial Revascularization
- Radioactive Seed Implants • Chemotherapy Labs
- Treatments of Gynecologic & Reproductive Disorders
- Neuro-Radiology • Electrophysiologic Studies
- Radiofrequency Cardiac Catheter Ablation
- Embolectomy & Thrombectomy
- Transjugular Intrahepatic Portosystemic Shunt
- Transmyocardian Revascularization
- Vascular Embolization & Occulusion
- Treatments of Abdominal Aortic Aneurysms
- Rotational Atherectomy • Orthopedics

Radiation Attenuation Data

Attenuation measurement at broad beam conditions according to EN 61331-1 (IEC 1331-1). Personal skin dose reduction at normal glove thickness of 0.35mm at the fingertip.

Radiation Beam Energy Level	Skin Dose Reduction
60kV	63%
80kV	53%
100kV	46%
120kV	37%

Nominal value for lead equivalence is 0.035mm Pb.
Setting for lead equivalence: 80kVp, 0.15mm Cu filter, narrow beam.
Product also conforms to compliance with ASTM Test Method F2547-06.

⚠ CAUTION

This glove is not intended for use in primary x-ray beam. The purpose of this radiation protective glove is to protect hands from scattered secondary radiation originating from the x-ray beam during fluoroscopic procedures. Safe use of this glove by or on latex sensitized individuals has not been established. This product contains natural rubber latex which may cause allergic reactions. This latex glove contains 50 micrograms or less of total water extractable protein per gram.

SHIELDING INTERNATIONAL

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