

RADIAXON X-RAY PROTECTION GLOVES Lead-free x-ray protective surgical gloves.



Product description:

RadiaXon radiation protection gloves are sterile single-use gloves with a sole purpose: Attenuation of secondary radiation. This personal protection shield is used during medical procedures e.g. fluoroscopic examinations, in order to protect the user from unnecessary radiation exposure.

Main properties:

- **Lead-free:** In comparison to other radiation protection gloves, RadiaXon radiation protection gloves are lead-free. The glove obtains its excellent attenuation through a proprietary bismuth oxide formulation, developed specially for radiation protection gloves.
- **Selected Applications:** RadiaXon radiation protection gloves are mainly used in the following areas:
 - Heart catheter examinations
 - Angiocardiology
 - Gynaecology
 - Urology
 - Orthopaedics
 - Fluoroscopic examinations
 - Pain management
 - Electrophysiological examinations
 - Traumatology
- **Disposable and non-toxic:** As RadiaXon radiation protection gloves do not contain lead, they can be disposed of as a single-use product without the expensive procedures required for lead protection gloves.
- **Excellent Attenuation properties:** The RadiaXon radiation protection glove has a revolutionary thin film design which offers enhanced dexterity, better sensitivity and comfort. These benefits are afforded while still delivering excellent attenuation characteristics. This allows the wearer to have the best of fit, feel and comfort without compromising on protection.

Attenuation

Beam Energy Level - Skin Dose Reduction

60 kVp - 65%
80 kVp - 51 %
100 kVp - 44 %
120 kVp - 39 %

Size & details

Size 6,0: min. 275mm length
Size 6,5: min. 275mm length
Size 7,0: min. 280mm length
Size 7,5: min. 285mm length
Size 8,0: min. 285mm length
Size 8,5: min. 285mm length
Size 9,0: min. 285mm length

Thickness at Fingertips: 0.30 mm

Tensile strength (unaged/Mpa): min. 15

Values can vary slightly within permissible product specifications depending on glove size, glove weight and accuracy of the equipment.

CAUTION

This glove is not intended for use in the direct or primary x-ray beam. The purpose of this radiation protection glove is to protect the hands from scattered secondary radiation exposure originating from the x-ray beam during fluoroscopic procedures.

- Personal protection as per Guideline 89/686/EEC (Category III, tested as per EN420:2003+AI:2009, EN374-2:2003, EN374-3:2003 und EN388: 2003), CE 0086
- Medical product as per the European Guideline 93/42/EEC (CE Class IIa, tested per EN455-1:2000, EN455-2:2009+A1:2011, EN455-3:2006, EN455-4:2009), CE 0086
- ASTM D3577
- EN 61267:2006, EN 61331-1:2002, EN 421:2010

Quality Assurance

Manufacturing process is in compliance with the following regulations:

- BS EN ISO9001
- BS EN ISO13485 Qualitätssysteme
- US FDA Quality System Regulation (QSR)

Surgical X-ray protective gloves size: 7, 7½, 8, 8½, 9

Reference: RAD320028