



TECHNICAL DATA SHEET (TDS)

1. Product Description

This product group consists of radiation protective garments designed to protect medical personnel from ionizing radiation in clinical environments such as radiology, cardiology, and operating rooms. The products are manufactured using lead-equivalent protective materials to ensure effective radiation shielding.

2. Product Range

2.1 Lead Vest & Skirt Apron (2-Piece Model)

- Model: Vest + Skirt
- Sizes: M, L, XL
- Lead Equivalent:
 - Front: 0.35 mm Pb
 - Double overlapping: 0.70 mm Pb
 - Back: 0.35 mm Pb

Design Features:

- Wrap-around design for enhanced front protection
- Skirt is 10 cm shorter at the back
- Adjustable belt (width & height adjustable)
- Vest fastening: inner velcro + outer click fastener
- Skirt fastening: inner velcro + outer belt

Performance Features:

- Flexible structure
 - Easy handling
 - Easy-to-clean surfaces
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2.2 Lead Full Protection Apron (Coat Type)

- Model: One-piece apron
- Size: 3XL
- Lead Equivalent:
 - Front: 0.50 mm Pb
 - Overlapping: 0.70 mm Pb
 - Back: 0.35 mm Pb

Features:

- Full body coverage
- Flexible and ergonomic structure
- Easy to wear and remove
- Easy-to-clean surface



2.3 Lead Thyroid Collar

- Lead Equivalent: 0.50 mm Pb
- Designed to protect thyroid gland from radiation exposure
- Lightweight and ergonomic structure



3. Materials

- Lead-equivalent composite material
- Outer surface: Durable and easy-to-clean coating
- Inner surface: Comfortable lining

4. Applications

- Interventional Radiology
- Cardiology / Angiography
- Operating Rooms
- Dental Clinics
- Nuclear Medicine

5. Storage & Handling

- Store in dry and clean environments
- Avoid folding to prevent cracks
- Hang properly when not in use