

SATPro

X-ray Penetrable Sterile Radiation Protection Drape



SATPro is a sterile, single-use, X-ray penetrable radiation protection drape designed to reduce scattered radiation exposure during fluoroscopy and interventional procedures. Utilizing a lead-free, multi-element composite material, SATPro provides effective radiation attenuation while maintaining diagnostic image quality and compatibility with imaging systems.

Ver: SMH/P2606

CE U.S. FDA Listed

Clinical Evidence Summary



Radiation Dose Reduction

Demonstrated ~29% reduction in radiation dose during fluoroscopy (phantom study, ABC enabled)



Scatter Radiation Protection

- 36–58% reduction (single layer)
- Up to 80% reduction (1.5 layers)
- Supports reduction of occupational exposure to clinical staff



Image Quality Preservation

- No statistically significant impact on:
 - Signal-to-Noise Ratio (SNR)
 - Contrast-to-Noise Ratio (CNR)
- Maintains diagnostic image clarity

Performance supported by phantom-based experimental studies and Monte Carlo simulation modeling in C-arm fluoroscopy environments.

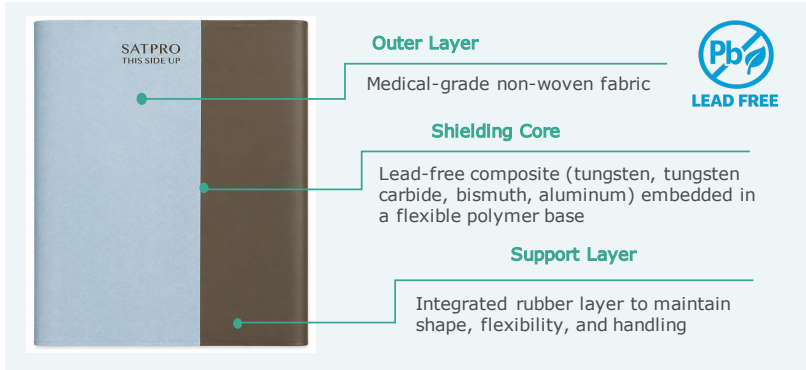
Technical Specifications

SKU Number	72233-100	72233-101
Product Name	Disposable Sterile Radiation Protection Drape	
Product Category	Surgical Drape	
Feature	X-ray Penetrable	
Dimension (mm)	400 x 600	450 x 650
Approx. Weight (g)	108	132
Sterilization	Ethylene Oxide (EO)	
Shelf Life	5 Years	
Packing	1 drape per pouch 50 pouches per carton	

Application & Placement



Material Composition & Product Structure



Indications for Use

SATPro is intended for use during fluoroscopy-guided and interventional procedures to reduce scattered radiation exposure to patients and healthcare personnel.

Applicable procedures include, but are not limited to:

- Interventional radiology procedures
- Cardiac catheterization laboratory procedures
- Electrophysiology procedures
- Fluoroscopy-guided surgical procedures
- Vascular and peripheral vascular interventions

Application Guidance

- Place the drape over the sterile patient drape
- Position the drape at the primary X-ray beam path
- May be layered to enhance scatter radiation attenuation

Important Notes

- Intended for use as an adjunctive radiation protection measure
- Performance may vary depending on imaging parameters and clinical setup



Discover SATPro



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https://satmed-health.com

Note: The information in this technical sheet is subject to change without prior notice as part of our continuous product improvement policy.