



UnderShield™
BY INFAB

UnderShield™

Frequently Asked Questions

Who should wear the UnderShield?

The UnderShield is designed for surgeons who are regularly exposed to intraoperative fluoroscopy and need enhanced protection for the upper outer quadrant (UOQ) of the breast and axilla.

How do you wear the UnderShield?

The UnderShield is designed to be worn underneath your apron or vest, over your first layer of clothing.

Is the UnderShield adjustable?

Yes. The UnderShield is designed with adjustable features and heavy-duty Velcro to accommodate different body types and surgical positions.

What sizes are available?

The UnderShield comes in multiple sizes, from XS to 3XL, to ensure a snug fit for all body types. Refer to our sizing chart to find your best match based on the widest measurement of your chest.

Why are the UnderShield wings layered?

The layered design enhances radioprotective coverage specifically in the axillary region, where standard lead vests often leave gaps. This layered design moves with you, allowing full range of motion.

What is the radioprotective material in the UnderShield?

The layered wings of the UnderShield™ use lightweight, high-performance lead-equivalent materials that meet or exceed industry standards for radiation attenuation. The thickness of each flap is .25 mm, providing .5mm protection where overlapped.

Does the UnderShield protect better than standard lead vests?

Studies have shown that standard vests often leave the axilla and UOQ exposed. The



REV002

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If the UnderShield is an extra layer under the apron, it must be warmer?

Actually, no! The UnderShield is made with exclusive brrr° cooling technology built into the fabric, lowering skin temperature up to 3° F – providing a comfortable and cool sensation all day long.

Is the UnderShield comfortable?

Absolutely. It's designed to be worn under your existing lead without restricting movement. The axillary supplement is less bulky than full sleeves, offering protection without compromising dexterity.

Can I wear the UnderShield with any lead vest or apron?

Yes. The UnderShield is compatible with most standard lead garments and is designed to integrate seamlessly into your existing protective setup.

Will it interfere with my surgical technique?

No. The UnderShield is engineered to move with you and keep you covered, allowing full range of motion, so you can focus on your procedure without distraction.

Has the UnderShield™ been tested in real surgical settings?

The UnderShield has been evaluated in simulated operating room environments using anthropomorphic phantoms and dosimeters, replicating real-world conditions.

Can the UnderShield be cleaned?

Yes, the vest itself is machine washable on delicate cycle with mild detergent. Use cold water and hang to dry. Remove the wings prior to wash. Wings can be cleaned with INFAB Scrubbles solution.



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