Burlington Medical
POWERED BY XENOLITE

AT BURLINGTON MEDICAL, EVERY INNOVATION IS INSPIRED BY THE PEOPLE IT'S MEANT TO PROTECT.

RADIATION PROTECTION APRONS AND ACCESSORIES

TO OUR ESTEEMED HEALTHCARE COMMUNITY,

At Burlington Medical, we take pride in being more than just a provider of radiation protection products—we are your partner in safety, comfort, and innovation.

Here's why our approach to radiation protection is unmatched:

Advocacy Through Expertise and Education: Our global team of radiation protection experts care deeply about your safety and well-being. In addition to providing advanced shielding solutions designed to minimize radiation exposure and ergonomic strain, we are committed to providing the education and resources needed to make informed decisions about your safety.

Tailored for You: As the only company offering tailored garments, our cutting-edge technology creates individualized patterns and precise trimming to create the lightest possible shielding with maximum protection for every body shape and size.

Vertically Integrated Excellence: We engineer and manufacture the superior attenuation materials inside our top-of-the-line garments. This end-to-end approach ensures a superior product, delivering the highest standards of protection, quality, and craftsmanship.

Global Manufacturing and Reliability: With production facilities in the U.S. and the U.K., we guarantee dependable access to top-tier protection for medical professionals worldwide.

Our Commitment to Sustainability: From durable, long-lasting aprons to PVC-free materials and reprocessed manufacturing resources, we're dedicated to protecting both people and our planet—without compromise.

Innovative New Solutions: We are always exploring innovative solutions to meet the evolving needs of medical professionals, ensuring that you have access to the most advanced radiation protection available.

Our mission is simple: *to protect the dedicated professionals who work tirelessly to care for others.* This catalog reflects our unwavering commitment to innovation, precision, and excellence—all engineered to preserve your health, career, and future.

We look forward to continuing to support you with the most advanced and effective radiation protection solutions.

With gratitude for all you do,

Lee Ann Fachko, CEO

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PROTECTIVE MATERIAL GUIDE

Burlington Medical is on a mission to provide you with the most effective protective material available. Choose between lead-free, lead composite, and traditional lead. Each material is available in 0.25, 0.35, and 0.5mm.
See page 4 to learn more about Attenuation Thickness.

LEAD-FREE

- **EXTRA FLEXIBLE AND LIGHTWEIGHT**
  Better mobility lessens the physical consequences of long-term wear
- **DURABLE AND COST-EFFECTIVE OVER THE LONG TERM**
- **SUSTAINABLE**
  PVC-free, recyclable, and fully reprocessable
- **EASY TO RECYCLE**
  Recyclable and safe for non-hazardous disposal

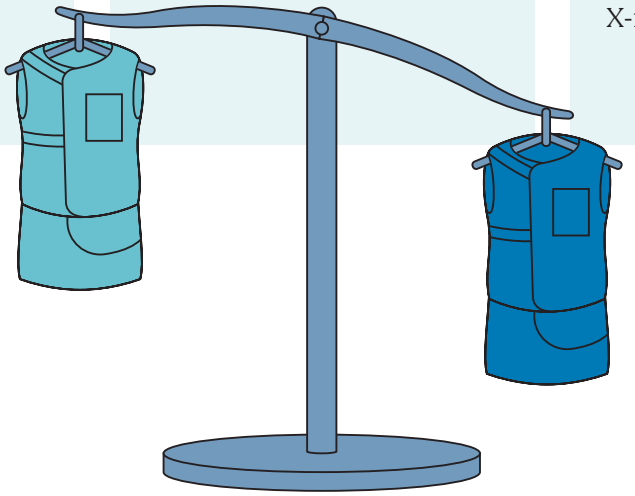
Follow your state guidelines for non-hazardous disposal. Material Safety Data sheets are available at https://burmed.com/certificates/

LIGHT LEAD COMPOSITE

- **MIDWEIGHT AND VERSATILE**
  Ideal for applications where weight is not a primary concern
- **LIGHT-LEAD MATERIAL**
  Cost-effective substitute for conventional lead-based materials
- **UNMATCHED STRENGTH & FLEXIBILITY**
  Optimal balance of tensile strength and elongation
- **SUSTAINABLE**
  PVC-free and fully reprocessable

LEAD

- **HIGHEST RADIATION PROTECTION**
  Traditional material that offers reliable radiation protection but can cause health and environmental issues
- **MORE RIGID AND HEAVY**
  Less flexibility can contribute to physical discomfort and fatigue with long-term wear
- **MADE OF HAZARDOUS MATERIAL**
  Not often recycled and can create toxic waste when disposed of. Bending and cracking may result in harmful lead dust.
- **HEAVY-DUTY & ECONOMICAL**
  Ideal for high-energy X-ray procedures



XENOLITE®

Burlington Medical's proprietary elastomer, Xenolite®, provides superior durability and flexibility, which more than doubles the lifespan of your radiation protection garments compared to industry standard. It also eliminates PVC (polyvinyl chloride), which is commonly used in radiation protection garments but is associated with health hazards. Our materials ensure safe, non-hazardous disposal when it is finally time for an upgrade.

5-YEAR WARRANTY

Our standard warranty sets the bar in the industry and is backed by the reliability of our vertically integrated manufacturing.

SUSTAINABILITY COMMITMENT

Lead-free and PVC-free materials are non-toxic and safe for disposal in most municipal landfills. We also offer end-of-life guidance and recycling options to lower your long-term cost of ownership.

LONG-TERM DURABILITY

Our patented polyolefin-based elastomers prevent micro-fractures common in legacy aprons.

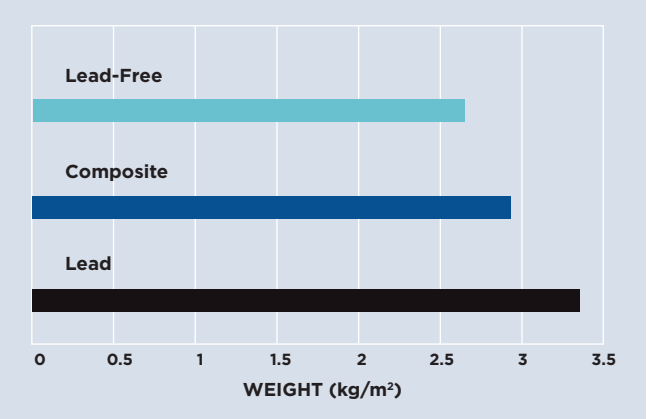
PRICE-FOR-LIFE

Designed to hold up—not break down. You won't be stuck replacing garments every 2–3 years due to cracking or performance loss. We stand by the longevity of our proprietary Xenolite® materials, engineered to maintain flexibility, shielding, and integrity even with regular use, storage, and cleaning.

DURABLE & FLEXIBLE

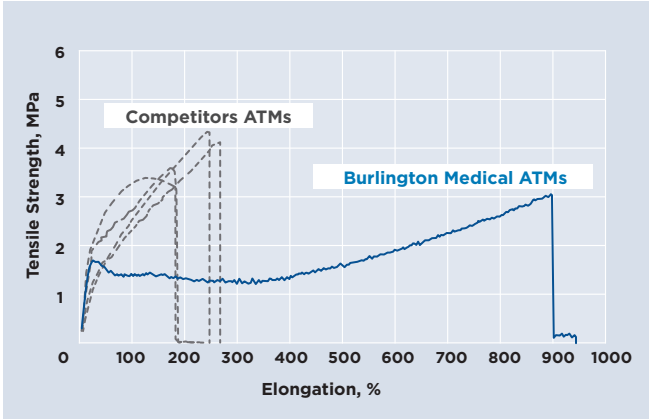
Our extrusion process allows for uniform dispersion of attenuating particles, ensuring long-term structural integrity, especially critical in garments that are worn daily. Independent lab testing confirms Xenolite® outperforms competitor materials in toughness and flexibility. No PVC. No flaking.

LEAD VS LEAD-FREE WEIGHT SCALE



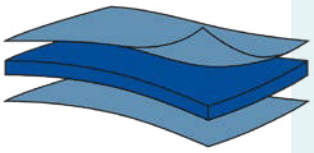
Our exclusive lead-free formula is significantly lighter than lead for your comfort.

TENSILE STRENGTH & ELONGATION



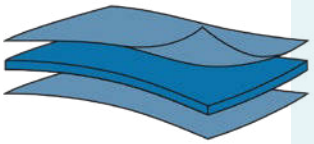
Xenolite's flexibility helps prevent cracks, extending your apron's lifespan.

ATTENUATION THICKNESS



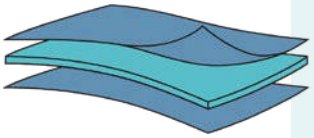
0.5 mm - Heaviest yet most protective

Some states require .5mm. Consult your specific state's regulations and your radiation safety officer to ensure compliance for your facility.



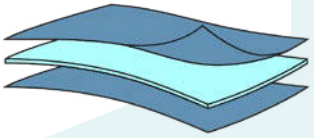
0.35 mm - Mid-weight, medium protection

The most popular option for balancing weight and protection.



0.25 mm - Lighter weight, less protection

For use when musculoskeletal issues are a significant concern.



0.125 mm - Lightest weight

ONLY for use with Enhanced Radiation Protection Devices (ERPDs).

- **UNMATCHED PROTECTION**
  Superior lead-free shielding
- **APPROXIMATELY 55% WEIGHT REDUCTION**
  Substantially lighter than traditional 0.5 mm and 0.35 mm aprons
- **REDUCED MUSCULOSKELETAL STRAIN**
  Alleviates stress on your back, neck, and shoulders
- **LOWER RISK OF CHRONIC INJURIES**
  Prevents long-term harm caused by heavier aprons
- **ENHANCED MOBILITY & ENDURANCE**
  Move freely and comfortably during lengthy procedures
- **IMPROVED CIRCULATION**
  Less weight means reduced pressure and better blood flow

ETHEREALSHIELD 0.125 IS EXCLUSIVE TO

Burlington Medical
POWERED BY XENOLITE



OUR ERPD PARTNERS

EGGNEST™

Radiaction

WHICH APRON IS RIGHT FOR YOU?

OFFERINGS

Burlington Medical is committed to protecting healthcare professionals with our exclusive attenuation materials. We offer a range of radiation protection options, including lead and our flexible, durable, and reprocessable Xenolite® materials, all available in 0.25 mm, 0.35 mm, or 0.5 mm thicknesses.

Each option is backed by our five-year warranty, lasting more than twice as long as the industry standard, demonstrating our confidence in the quality and craftsmanship of Burlington Medical products.

BURLINGTON BASICS

- Our 4 most popular styles
  - •Kilt •Euro Wrap-Around
  - •Regular Vest •F17 Frontal
- Standard sizes XS to XL, male and female cut
- Choose from 5 great outer colors
- Pocket included
- Removable name tag or embroidery available for purchase



BURLINGTON ENHANCED

- Choose from all styles
- Standard sizes XS to 3XL, male and female cut
- Full range of outer, inner, and binding colors
- Includes pocket and two lines of embroidery



BURLINGTON TAILORED

- Best possible protection, comfort, fit, and length for all body shapes and sizes
- Eliminates extra weight of unnecessary material
- Unique tailoring process with over 20 points of accuracy, 3DLook measuring, and Lectra cutting technology
- Choose from all styles
- Full range of outer, inner, and binding colors
- Corrective alterations within 60 days of ordering at no additional charge



COMFORT AND BACK SUPPORT OPTIONS
are available for Enhanced and Tailored offerings.
See page 16 for details.

APRON GUIDE

With our deep understanding of radiology and the professionals who rely on our products, we offer products designed for a personalized fit and maximum protection. Identifying how you will use your apron helps us guide you to the best option for your needs and preferences.

KEY CONSIDERATIONS

TIME

Wearing the right apron for the duration of your procedure helps reduce risk, while lightweight materials prevent fatigue during extended wear.

DISTANCE

Maintaining distance from the radiation source significantly lowers exposure levels. Aprons provide additional protection, especially for those frequently moving in and out of the radiation field.

POSITION

A proper fit ensures full coverage and eliminates protection gaps while bending or shifting positions. Adjustable closures and support belts help secure the apron for all-day comfort and safety.

PICK YOUR APRON TYPE



FRONTAL APRONS

Lightweight, Quick, and Convenient

Frontal aprons provide quick and convenient protection. These aprons are lightweight and the perfect choice if you do not turn your back or side to the source of radiation.



WRAPAROUND APRONS (ONE-PIECE)

Protection from Every Direction

Wraparound one-piece aprons weigh more than frontal aprons, but the additional lumbar support options can make them feel light. One-piece aprons can make managing, storing, and putting on your apron easier than aprons with two pieces.



WRAPAROUND SEPARATES (VEST & KILT)

Best Protection and Weight Distribution

Wraparound separates provide some of the best protection and weight distribution. If you need protection from all sides and provides superior weight distribution, choose a two-piece option.

MAKE IT YOURS
See page 19 for fabric options.

APRON SIZING

Proper sizing is essential for comfort and protection. To ensure the best fit, measure the length from the top of the shoulder to the top of the knee, the chest around the fullest part, the waist at the narrowest point, and the hips at the fullest part.

STANDARD SIZE CHARTS for Basics & Enhanced Offerings

FRONTAL APRONS

FEMALE SIZES (US inches)

	CHEST RANGE	MAX CHEST	WIDTH	LENGTH	HEIGHT GUIDELINE
XSF	29-32"	32"	19"	34"	5'0"–5'4"
SF	33-36"	36"	21"	36"	5'2"–5'7"
MF	37-40"	40"	23"	38"	5'4"–5'10"
LF	41-44"	44"	25"	40"	5'6"–6'0"
PLUS	45-48"	48"	27"	40"	5'6"–6'0"
XLF	49-52"	52"	29"	42"	5'6"–6'0"
2XLF	53-56"	56"	31"	42"	5'6"–6'0"
3XLF	57-60"	60"	33"	42"	5'6"–6'0"

FRONTAL APRONS

MALE SIZES (US inches)

	CHEST RANGE	MAX CHEST	WIDTH	LENGTH	HEIGHT GUIDELINE
XSM	33-36"	36"	20"	36"	5'4"–5'8"
SM	37-40"	40"	22"	38"	5'6"–5'10"
MM	41-44"	44"	24"	40"	5'8"–6'0"
LM	45-48"	48"	26"	42"	5'10"–6'2"
XLM	49-52"	52"	28"	44"	5'10"–6'2"
2XLM	53-56"	56"	30"	44"	5'10"–6'2"
3XLM	57-60"	60"	32"	44"	5'10"–6'2"

WRAPAROUND APRONS & SEPARATES

FEMALE SIZES (US inches)

	CHEST RANGE	MAX CHEST	MAX HIP	LENGTH	HEIGHT GUIDELINE
XSF	28-31"	31"	34"	34"	5'0"–5'4"
SF	32-34"	34"	37"	36"	5'2"–5'7"
MF	35-37"	37"	40"	38"	5'4"–5'10"
LF	38-40"	40"	43"	40"	5'6"–6'0"
PLUS	41-43"	43"	46"	40"	5'6"–6'0"
XLF	44-46"	46"	49"	42"	5'6"–6'0"

WRAPAROUND APRONS & SEPARATES

MALE SIZES (US inches)

	CHEST RANGE	MAX CHEST	MAX HIP	LENGTH	HEIGHT GUIDELINE
XSM	33-35"	35"	40"	36"	5'4"–5'8"
SM	36-38"	38"	43"	38"	5'6"–5'10"
MM	39-41"	41"	46"	40"	5'8"–6'0"
LM	42-44"	44"	49"	42"	5'10"–6'2"
XLM	45-47"	47"	50"	44"	5'10"–6'2"

BETTER FIT = BETTER PROTECTION



A virtual measuring tool is available to help you select the best standard size for Basic and Enhanced offerings or ensure a precise fit for Tailored options.

SCAN OR CLICK TO TRY OUR VIRTUAL MEASURING TOOL

FRONTAL APRONS



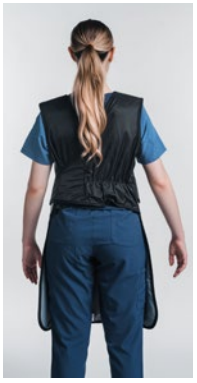

F17

Our popular F17 Apron is lightweight and simple. It offers frontal protection with a crisscross stretch back, comfort foam shoulder padding, and closes with hook-and-loop straps around the waist for balanced weight distribution across the shoulders and back. The F17 Apron is one of our easiest aprons to put on.
See page 17 for Maternity options.




A10

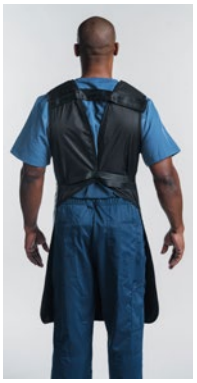
The A10 Apron provides frontal protection with an adaptable fit for different body types. It features a crisscross stretch back, hook-and-loop shoulder straps, front buckle closure, and comfort foam shoulder padding for even weight distribution.
See page 17 for Maternity options.

601

Similar to our F17, the 601 Apron features a crisscross stretch back, comfort foam shoulder padding, and hook-and-loop straps at the waist.

In addition, it has tabs at the shoulders for quick removal by support staff, without removing the sterile gown.

F01

Our classic F01 Apron set the standard for radiation protection. It is equipped with a hook-and-loop fastener at the shoulders and 1-inch straps that tie at the waist for a secure fit. Comfort foam shoulder padding reduces fatigue and ensures lasting comfortability.



F17 in Skeleton Faces with Red Binding in Size Male Medium

See page 19 for fabric options.

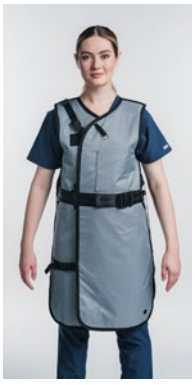
WRAPAROUND APRONS

The back panel of all wraparound aprons features a standard 0.25 mm protective layer. A thyroid ring tether is included unless otherwise specified at checkout.




EURO

The Euro is a one-piece, wrap-around apron with an opening in the back, a stretch hook-and-loop closure, and comfort foam shoulder padding. It distributes weight from the shoulders to the hips with no need for overlap, making the apron lighter in weight.



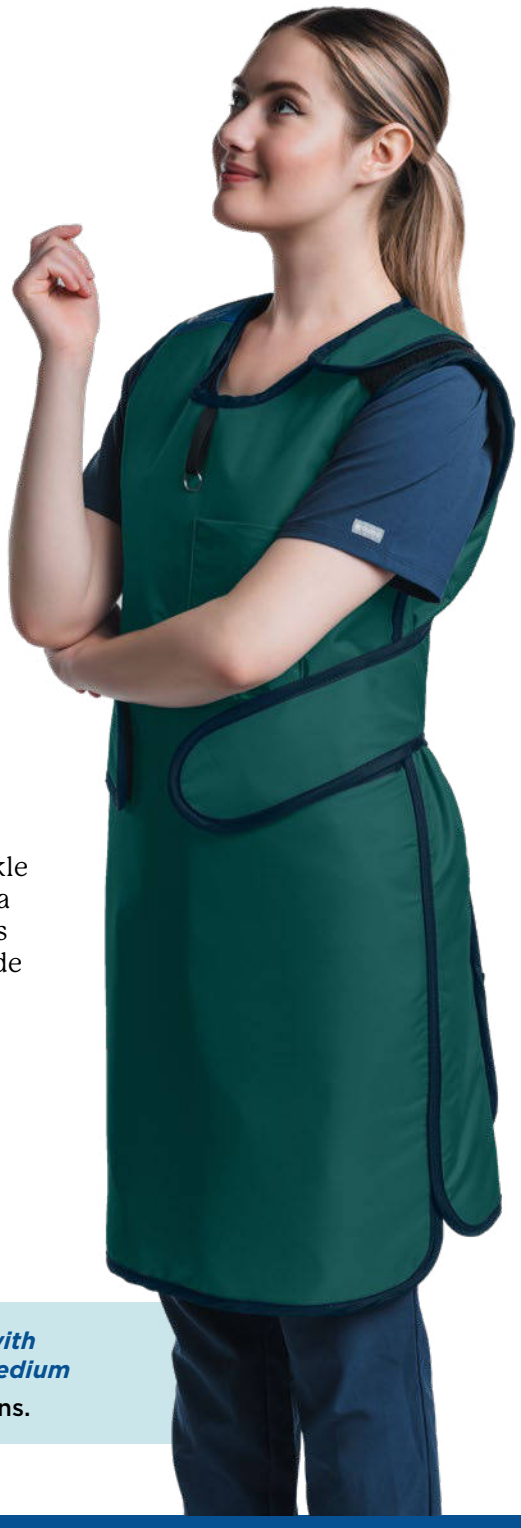

F111

The F111 is a great option for those seeking something quick and easy to put on. This single-piece, partial overlap apron features a 6-inch Wide Stretch Belt for lumbar support, both front buckle closure and hook-and-loop closure for a secure fit, and padded shoulders for added comfort.
See page 17 for Maternity options.




F112

The F112 is a one-piece, lighter-weight full overlap apron with both front buckle closure and hook-and-loop closure for a secure fit. It includes padded shoulders for enhanced comfort and a 6-inch Wide Stretch Belt for lumbar support.

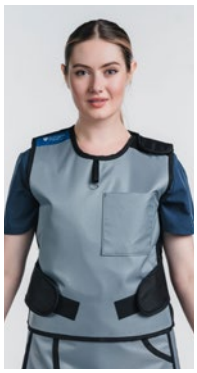
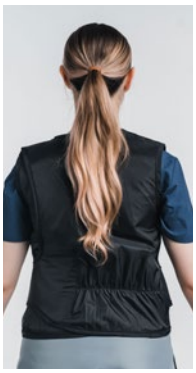


Euro in Jade Green Dartex with Navy Binding in Size Female Medium

See page 19 for fabric options.

WRAPAROUND SEPARATES

The back panel of all wraparound separates features a standard 0.25 mm protective layer. Unless otherwise specified at checkout, wraparound separates include a thyroid ring tether. Vests, kilts, and belts are sold separately.

PEAK VEST (PVEST)

The Peak Vest provides superior lumbar support and optimal weight distribution. Designed to fit the body, it hugs the waist and anchors the weight at the hips, significantly reducing strain on the back.




REGULAR VEST (VEST)



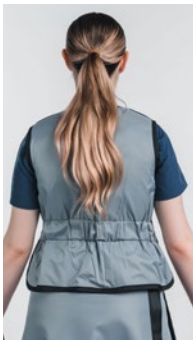
The Regular Vest offers excellent front and back protection. When paired with a belt, it provides substantial back support and comfort. Key features include a front buckle closure and comfort foam shoulder padding.




FULL OVERLAP VEST (FVEST)



The Full Overlap Vest delivers front and back protection with a lightweight design. Pair this vest with a kilt for better weight distribution and a belt for extra support. Key features include hook-and-loop closure and comfort foam shoulder padding.

PRINCESS VEST (QVEST)

The Princess Vest, or Contoured Female Vest, features patented seaming for a tailored fit, enhancing comfort and radiation protection for female providers. Its design molds to the body's natural shape, safeguarding sensitive tissue and organs. Key features include a zipper, hook-and-loop closure, and comfort foam shoulder padding.

Peak Vest in Gray Digital Camo with Black Binding in Size Male Medium

See page 19 for fabric options.







ZIPPER VEST (ZVEST)

The Zipper Vest has minimal overlap, making it one of the lightest vests available in the industry. This fitted apron features a zipper closure with a 2-inch hook-and-loop flap for additional protection.

Vest in Spring Beauties with Gray Binding in Size Female Medium

See page 19 for fabric options.

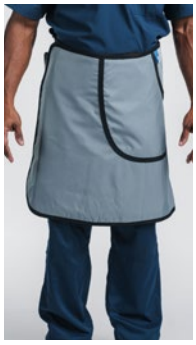




KILT

Our Kilt features a partial overlap design, providing enhanced protection to the long bones while maintaining flexibility and comfort. Pair it with a vest for balanced weight distribution and suspenders to keep it snugly fastened. It includes a front hook-and-loop closure with an adjustable 2-inch buckle closure on the right side, and a spacious pocket for all of your essentials while you work. 0.50 mm protection is created using .25 mm on each flap.







FULL OVERLAP KILT (K303)

The Full Overlap Kilt delivers essential wraparound protection (hip-to-hip) with lightweight panels. Each front panel provides half the stated protection, ensuring full coverage when overlapped.







PARTIAL OVERLAP SKIRT (S302)

The S302 Partial Overlap Skirt offers secure coverage with a 2” buckle and hook-and-loop closure. A built-in Wide Stretch Belt (WSB) provides lumbar support and even weight distribution, enhancing comfort. The WSB is included in the price. The skirt pocket shown is available upon request, and if not requested, it will come with our standard kilt pocket.





THYROID SHIELDS



TSS-STANDARD

Provides full thyroid protection with a loose, comfortable fit for reliable coverage.



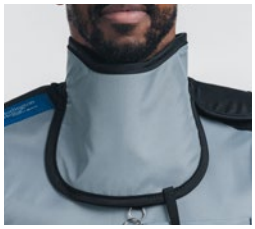
TSC-CLASSIC

Offers a snug and secure fit closer to the neck for those who prefer a tighter-fitting thyroid shield.



TSV-VISOR

Features a comfort collar that sits snugly around the neck for a better fit, offering a large, uncompromised area of protection.



TSO-OVERSIZE

Provides superior radiation protection with an expanded coverage area, ensuring maximum safety.



TSB-BIB

Protects a larger area with its bib-style design, delivering added safety while maintaining exceptional comfort.

ATTACHMENT OPTIONS



TETHER RING (STANDARD)



TETHER-TO-TETHER



BUCKLE

CLOSURE OPTIONS



MAGNET



BUCKLE



HOOK-AND-LOOP



EYEWEAR

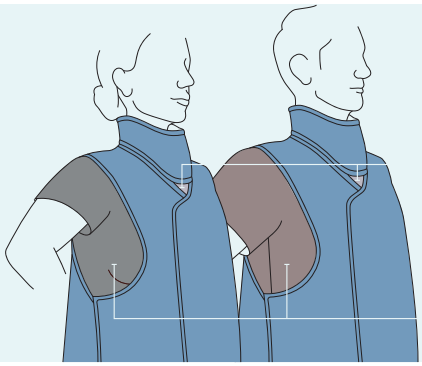
Burlington Medical offers a wide range of stylish, lightweight eyewear designed for maximum comfort and .75 mm protection. Scatter radiation poses a significant risk to your eyes—our extensive selection ensures there's a style and fit for every need. Choose from top brands like Nike®, Kate Spade®, and more. Visit our website to explore additional styles.



ULTIMATE PROTECTION FOR BREAST, AXILLA, AND THYROID

Protect vulnerable areas from ionizing radiation with this lightweight, easy-to-integrate solution. BAT™ significantly reduces radiation exposure to the breast, thyroid, chest, and spine, providing radiation protection where the standard vest does not.[1] BAT™ is a supplemental garment suitable for both men and women that can be used over or under any existing apron, with the goal of reducing the risk of breast cancer and other radiation-associated cancers in healthcare workers.

1. **0.35 mm LEV LEAD-FREE PROTECTION** of the breast and axilla, with 0.5 mm LEV for the thyroid
2. **OPEN-CELL MESH** in non-protective portions for flexibility, temperature control, and a lightweight feel
3. **CHEST PLATE** covers any gaps from the apron at the neckline
4. **SLEEVES** cover the apron armhole and do not require attachment to the apron
5. **HOOK & LOOP CLOSURE** of front and arm segments for an adjustable fit



BAT™ covers any gaps between the thyroid shield and the apron.

BAT™ covers the large gap of armhole, increasing protection to the lateral breast and axilla.



Dr. Lauren Ramsey,
CO-CREATOR OF BAT™

BAT SIZING

We recommend sizing UP if you intend to wear the BAT™ over another garment.

FEMALE	MAX CHEST	SLEEVE LENGTH
XSF	31"	8.5"
SF	34"	9"
MF	37"	9"
LF	40"	9.5"
PLUS	43"	9.5"
XLF	46"	10"
2XLF	49"	10"
3XLF	52"	10.5"

MALE	MAX CHEST	SLEEVE LENGTH
XSM	35"	10"
SM	38"	10.5"
MM	41"	10.5"
LM	44"	11"
XLM	47"	11"
2XLM	50"	11.5"
3XLM	53"	11.5"

1. Westcott LZ, Ogola GO, Rees CR. Protecting our own: a method for reducing breast radiation exposure in healthcare workers. Health Phys. May 2024:1-6. doi:10.1097/HP.0000000000001832

MORE ACCESSORIES



LEADED CAP

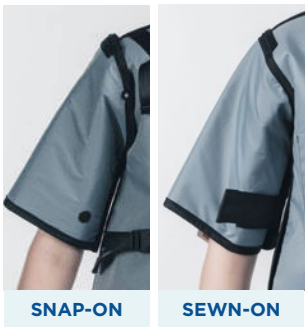
In addition to our thyroid shield and apron, our mesh-top Leaded Cap provides essential protection for your brain. The cap features a rear adjustable drawstring for a secure, customizable fit. Available in three protection levels and a wide range of colors and patterns.

S/M	3.5" height
L/XL	4" height



AXILLA FLAPS

Axilla Flaps extend coverage to the upper outer quadrant and axillary region, areas that may be exposed when wearing standard protective garments. Designed for seamless mobility, they enhance radiation protection without restricting movement or adding unnecessary bulk. These flaps integrate easily with your apron, ensuring comprehensive shielding without compromising comfort.



SNAP-ON SEWN-ON

SLEEVE (SL)

The Protective Sleeve (SL) ensures optimal shielding for the upper arm region while maintaining flexibility with its open armhole design. Sleeves can be sewn directly onto your apron for a permanent fit or secured with snap closures or hook-and-loop fasteners for extra stability. Available in custom length options to guarantee a tailored fit for every user, this sleeve is ideal for reducing side or direct radiation exposure.



SLIP-ON SLEEVE (SL3)

The Protective Slip-On Sleeve (SL3) offers full upper-arm and armhole coverage. This lightweight, flexible sleeve efficiently blocks harmful particles, significantly reducing radiation exposure risks. The sleeve attaches to the apron with snap closures and an adjustable hook-and-loop strap that wraps around the shoulder.

CHEST SIZE		LENGTH
XS	34-36"	9"
S	37-42"	9"
M	37-42"	11"
L	43-45"	11"
XL	46-52"	12"

Note: *Due to its design, this sleeve cannot be sewn directly to the apron and is not compatible with the armholes of QVEST or ZVEST models.*

LEG WRAPS

Leg Wraps offer vital protection against radiation-related issues, such as hair loss and bone marrow damage. Designed for flexibility and comfort, they are available in four shapes to meet diverse needs.



KNEE TO ANKLE



ABOVE KNEE TO ANKLE



FOOT COVER TO KNEE



FOOT COVER TO ABOVE KNEE



GONAD SHIELDS

Gonad Shields provide essential protection for patients or providers during X-ray procedures. They are available in oval and triangular shapes, with or without straps.

S	M	L	ADULT SET	CHILD SET
4"	6"	8"	4", 6", 8"	4", 5", 6"



BLOCKER

Designed for practicality and convenience, this rectangular shield can be easily placed on patients for reliable protection during medical procedures. It requires no attachments for use.

1	2	3	4	5	6
12x14"	14x16"	16x18"	18x20"	20x24"	24x24"



HALF APRON

The Half Apron provides lower-body protection for physicians and patients. It can be laid over the patient as a blocker or worn under standard X-ray aprons for additional protection, particularly for pregnant women. Choose from hook-and-loop or buckle closure options.

XS	S	M	L	XL
12x14"	14x16"	16x18"	18x20"	20x24"



DEMI APRON

Demi Aprons provide targeted protection for the abdomen, gonadal, and reproductive areas. They are ideal for use under standard X-ray aprons for an extra layer of safety during procedures. The convenient rubber ring closure ensures a secure fit and allows for easy hanging and storage when not in use.

1	2	3	4
10.5x8.5"	12x12"	14x16"	16x20"



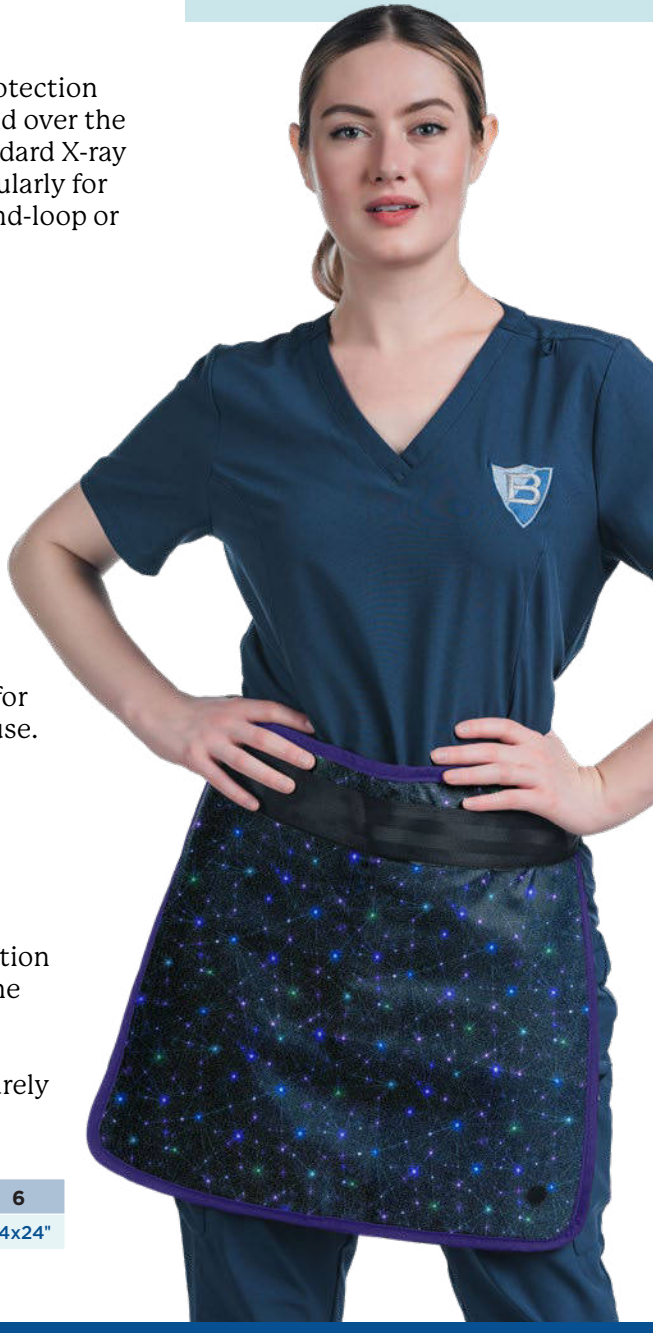
KILT BLOCKER

The Kilt Blocker offers enhanced protection for reproductive organs by extending the overlap of the front panels. It features a hook closure on one side and a loop closure on the other, allowing it to securely fit between the existing hook-and-loop closures on the front panels.

1	2	3	4	5	6
10x10"	10x12"	12x12"	18x20"	20x24"	24x24"

Half-Apron in Constellations with Purple Binding in Size Medium

See page 19 for fabric options.



COMFORT OPTIONS
for Enhanced and Tailored Offerings



6” WIDE STRETCH BELT (WSB)

XS	27-31"
S	32-36"
M	37-41"
L	42-50"
XL	51-58"

The 6-inch Wide Stretch Belt (WSB) provides additional lower back support and enhanced comfort, making it ideal for extended wear. It comes standard on the F111 and F112 aprons and can be purchased with the Regular Vest, Full Overlap Vest, or Zipper Vest. The belt attaches via hook-and-loop to the vest’s back panel and includes protective slits to prevent scatter radiation.
Choose this option at the time of garment purchase.



MAX COMFORT BELT

This permanently integrated, webbing support belt has fully adjustable hook-and-loop to ensure a perfect fit. It provides improved weight distribution and enhanced support for the lower back.
Choose this option at time of garment purchase.



NON-SKID ONLY



WITH PREMIUM ELASTIC WAISTBAND

NON-SKID WITH AND WITHOUT PREMIUM ELASTIC WAISTBAND

Non-skid is perfect for helping keep your kilt in place. It can be included with the premium elastic waste band recommended for wearers who are prone to back pain or need additional support to keep their kilt in place. Attachment options include hook-and-loop or sewn-in.
Choose this option at the time of garment purchase.



SUSPENDERS

Suspenders are an excellent option for securing kilts or skirts and can be combined with the Premium Elastic Waistband or Non-Skid Material to ensure the bottom is secure. Attachment options include snaps, buckle, or sewn-in. *Can also be helpful with maternity.*
Choose this option at the time of garment purchase.



S	25-29"
M	30-35"
L	36-40"
XL	41-45"
XXL	46-50"

SUPER BELT

The Super Belt offers the highest level of support, featuring a pulley system that works like a corset. Its smooth, felt-lined interior provides comfort during long procedures, while the tear-resistant nylon exterior ensures durability. *Can also be helpful with maternity, offering lumbar and gentle belly support.*



PAW EXTENDERS

Paw Extenders are the perfect solution for adding extra length to apron closure straps, making them ideal for shared aprons or maternity use. The adjustable hook-and-loop closure attaches to the hook-and-loop on the apron and can increase the length by up to 10 inches, ensuring a comfortable fit. *Can also be helpful with maternity.*

MATERNITY

Burlington Medical offers specialized solutions to enhance protection, shielding, and comfort throughout all stages of pregnancy. The A10 and F111 aprons can be paired with the Super Belt for additional lower back support and improved comfort during pregnancy.



A10 AND F17 FRONTAL MATERNITY ADAPTATION

Designed for expectant mothers, the A10 and F17 Frontal Maternity Adaptation offers removable 5-inch side panels with the same lead equivalency as the front panel of the apron. These panels are secured with a hook-and-loop closure and can be easily removed after pregnancy or permanently sewn into the sides of the apron to prevent loss. The A10 adjustable buckle waist closure ensures a customizable and comfortable fit throughout pregnancy. To adapt an F17 to maternity, also add paw extenders.



F111 MATERNITY APRON

The F111 Maternity Apron features an A-shaped back panel with an adjustable hook-and-loop strap, allowing additional coverage and width adjustments to accommodate changes during pregnancy. Paired with the 6-inch Wide Stretch Belt (WSB), these features ensure comfort and protection throughout pregnancy.



SUPER BELT



APRON HALF



KILT BLOCKER



BA

DISPOSABLES

SCAN OR CLICK TO VIEW GLOVES

GLOVES

- **PROTECTS WHILE PROVIDING DEXTERITY AND COMFORT**
- **REDUCES SCATTER RADIATION**
  Not intended for primary beam exposure
- **POWDER-FREE**
  Reduces proteins, antigens, and irritation
- **THINNER TEXTURE GRAINED FINGERTIPS**
  Enhances tactile sensitivity
- **ANATOMICALLY CORRECT CURVED FINGERS**
  Reduces hand fatigue





FREEGUARD® GLOVES

Lead-Free & Latex-Free

THICKNESS OPTIONS	
.22 mm	.30 mm

XGUARD® GLOVES

Leaded (Contains Latex)

- **FDA 510K APPROVED FOR SURGICAL USE**

THICKNESS OPTIONS		
.22 mm	.30 mm	.60 mm



XGUARD® SLEEVE

Leaded .30mm

- **PROTECTS WHILE PROVIDING DEXTERITY AND COMFORT**
- **REDUCES SCATTER RADIATION**
  Not intended for primary beam exposure
- **POWDER-FREE**
  Reduces proteins, antigens, and irritation
- **FDA 510K APPROVED FOR SURGICAL USE**





EQUIPMENT COVERS

Protect your equipment with our sterile, single-use covers. These latex-free covers serve as effective bacterial and contagion barriers for a wide variety of medical equipment. Available in four types:

- Easy Covers
- Cover Kaps
- Fluoro Shields
- Probe Covers



DISPOSABLE THYROID COLLAR COVER

A 2020 study found that thyroid shields can harbor more contaminants than aprons.[1] Enhance protection for both you and your patients with our disposable thyroid collar covers. Available in packs of 40, each cover features a clear front to display your fabric and personalization and a soft, latex-free backing for comfort.

1. Gilat R, Mitchnik I, Beit Ner E, et al. Bacterial contamination of protective lead garments in an operating room setting. J Infect Prev. 2020;21(6):234-240. doi:10.1177/1757177420947466

MAKE IT YOURS

SCAN OR CLICK TO SEE ALL FABRIC, THREAD, AND BINDING OPTIONS

SOLIDS - 000 Series

- Outer or inner fabric
- Polyester
- Wipeable

002	006	012	062	043	
Flag Blue	Red	Light Green	Black	Dark Gray	**Over 20 colors!**

RIP STOP - 500 Series

- Outer fabric only
- Nylon/polyester mix
- Weave Pattern
- Wipeable

502	503	505	507	512	
Navy	Burgundy	Purple	Bronze	Brown	**Over 10 colors!**

DARTEX® SOLIDS - 570/800 Series

- Outer fabric only
- Polyurethane/polyamide mix
- Fluid resistant, easy to clean
- Resistant to microbial growth

571	572	573	574	804	
Jade	Red	Purple	Blue	Orange	**Over 5 colors!**

VINYL - 700 Series

- Outer fabric only
- Durable polyurethane/polyester mix
- Fluid resistant, easy to clean
- Shiny

700	701	706	710	711	
Black Starlight	Purple Starlight	Carnival Blue	Dark Gray Galaxy	Pink Galaxy	**5 styles!**

FEATHERED DIAMOND - 900 Series

- Outer fabric only
- Polyurethane/polyamide mix
- Faux-leather textured
- Fluid resistant, easy to clean

900	902	903	904	905	
Blue	Black	Green	Red	Purple	**5 colors!**

FASHION PATTERNS - 1200/4000/41000 Series

- Outer or inner fabric
- Polyester
- Wipeable

1200	1222	1274	4613	4955	
Poly In Bloom Lavender	Poly Aye Aye Captain	Fashion Plaid Tan	Electric	Dogs	**Over 50 styles!**



Outlast®

OPTIONAL TEMPERATURE REGULATION TECHNOLOGY

Patented Outlast® material is a certified space technology to absorb, store, and release excess body heat to maintain temperature balance. Our aprons with Outlast® technology proactively manage heat and moisture buildup, helping delay the onset of sweat and keeping you more comfortable. With better temperature control, perspiration is reduced.

Traditional wicking fabrics trap heat until you're sweating, then moves moisture away from the skin. Outlast® is proactive, absorbing heat prior to sweating, to help you stay comfortable.



WITH OUTLAST® | WITHOUT OUTLAST®

EMBROIDERY

SCRIPT & BLOCK LETTERING

Burlington Medical offers custom embroidery on your aprons in either Block or Script lettering. Personalize with your name, department, or anything you'd like. Our skilled craftspeople will use their talent to bring your vision to life!

Radiological ‹ SCRIPT

Superstar ‹ BLOCK

SUPERHERO ‹ BLOCK

EMBROIDERY DESIGNS

Add flair to your protective apparel with custom embroidery. Choose from one of our stock designs, or have your corporate logo created.



EMBROIDERY THREAD COLORS

With 29 thread color options, we can match your logos, control numbers, and name requests. Select your preferred color or let us choose one for you.

T1	T9	T16	T23
T2	T10	T17	T24
T3	T11	T18	T25
T4	T12	T19	T26
T5	T13	T20	T27
T6	T14	T21	T28
T7	T15	T22	T29
T8	T0 (BURLINGTON RECOMMENDED)		



PATCHES & BINDING



NAME TAGS (VNT)

Add a personalized touch to your garment. The hook-and-loop system allows the name tag to be attached and detached for quick removal and reusability.

PATCHES

Transform into a superhero or ultimate sports fan! Select a base fabric, choose a patch, and contact an account manager to get started. Available in all models.

For copyrighted designs such as sports team logos, we are required to use officially licensed patches purchased from authorized sellers. These patches are then affixed to garments, as copyright law prohibits us from digitizing and embroidering such protected designs directly onto garments.



BINDING COLORS

Style and personalize your Enhanced and Tailored garments with 12 binding color options.

B1	B4	B7	B10
B2	B5	B8	B11
B3	B6	B9	B12



PROTECTION & POSITIONING

BARRIERS & PORTA SHIELDS



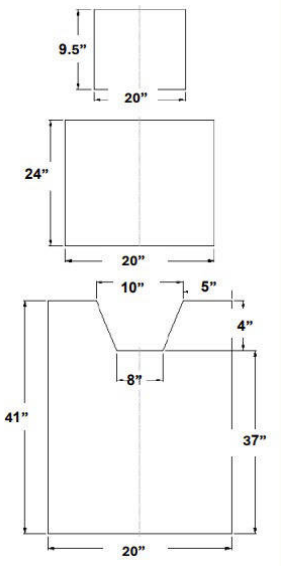
CUSTOM DRAPES & SWING ARMS



SCAN OR CLICK TO VIEW BARRIERS CATALOG

TABLE PADS (CUSTOM & STANDARD)





SCAN OR CLICK TO VIEW TABLE PAD BROCHURE

POSITIONING SPONGES, GEL PADS, & SANDBAGS



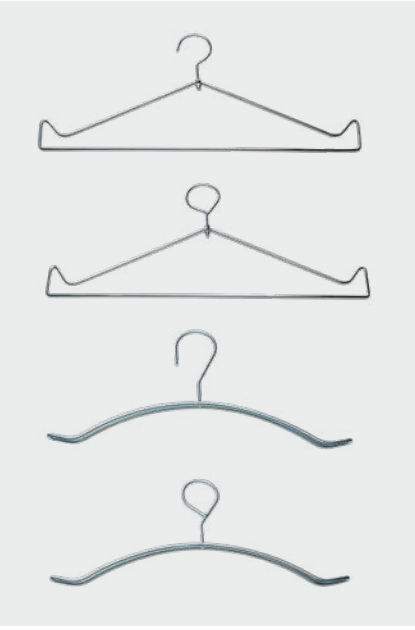
SCAN OR CLICK TO VIEW POSITIONERS CATALOG

STORAGE & SECURITY

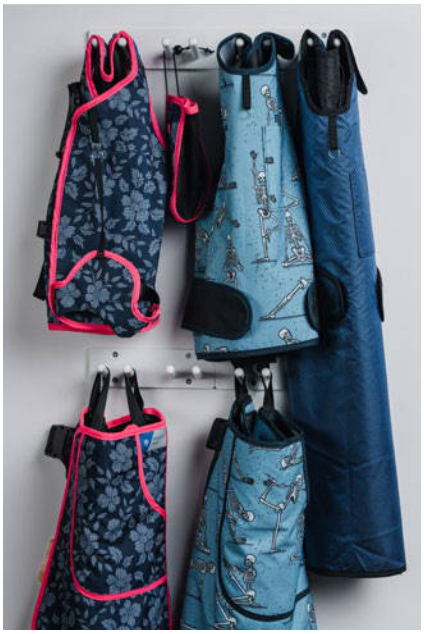
APRON BAGS



HANGERS



PEG RACKS



WALL RACKS



MOBILE RACKS



SECURITY RACK



SCAN OR CLICK TO VIEW APRON STORAGE GUIDE

CLEANING & SERVICES



DISCIDE ULTRA WIPES OR SPRAY

- PROVEN TO KILL DEADLY PATHOGENS IN ONE MINUTE OR LESS
- NON-CORROSIVE, NON-STAINING
- FDA APPROVED, EPA REGISTERED
- SAFE FOR USE ON LEAD APRONS
- PLEASANT HERBAL SCENT



BIOXCO MULTI-SURFACE DISINFECTING WIPES

- KILLS 99.99% OF BACTERIA, VIRUSES, MOLDS, AND FUNGI, INCLUDING MRSA, E. COLI AND NOROVIRUS
- NON-FLAMMABLE, NON-TOXIC, NON-CORROSIVE
- BLEACH, PHOSPHATE, AND FRAGRANCE-FREE
- GREAT FOR VINYL, PLASTIC, STAINLESS STEEL, PORCELAIN AND ALL OTHER HARD SURFACES

INVENTORY MANAGEMENT



SmartID™ is a web-based asset management platform that makes it easier than ever to record inventory and inspection information for any protective garment, from your desktop, laptop, tablet, or smartphone, anywhere at any time. Each item comes tagged with a unique QR code that can be scanned with any mobile device's QR code reader or managed through a desktop computer to record inventory and inspection information for each piece.

APRON CARE BASICS

INSPECTION

- Inspect your products upon receipt to ensure protective material is free of defects. Notifications of defects are required within 14 days.
- Annual inspections are recommended; tears and holes located within eight inches of the vertical center line are critical and should be evaluated by your Health Physicist department.
- All other holes in your protective material should be repaired as soon as possible to prevent unnecessary exposure.
- Products with tears or holes that exceed your facility's acceptance criteria should be removed from service.
- Buckle and fasten the straps to test for proper coverage.
- Broken or damaged features that prohibit the correct positioning of the product should be repaired, or the apron removed from service.

REPAIR

- We take great pride in the quality of our products and their ability to stand up to the demands of the clinical environment. Sometimes accidents happen and circumstances can change. We are here to help keep your aprons in working condition and offer a wide range of repair and alteration services to Burlington products.
- Repairs and alterations are made on aprons manufactured by Burlington Medical only. Repairs are made on aprons that are no more than 5 years old. If repairs are a warranty issue related to a manufacturer's defect, there will be no charge.
- Alterations are offered free of charge on tailored aprons within the first 60 days of purchase.

DISPOSAL

- The protective material used in radiation protection aprons and accessories contains heavy metals that attenuate scatter radiation and help keep you from the detrimental effects of radiation exposure. Unfortunately, those same heavy metals are not very friendly to the environment and should, therefore, be handled properly when they are no longer in use.
- Check your state regulations regarding the disposal of lead and other heavy metals to determine what guidelines you should follow.

CLEANING

- Regularly wipe down your garments between uses.
- Use a damp cloth and mild dishwashing detergent to spot clean as needed.
- For deeper cleaning, use a soft-bristled brush, such as a soft toothbrush, to remove debris from woven fabrics.
- Allow the garment to air dry completely before storing or using it.

FREQUENCY

- Periodically clean and sanitize the entire apron between uses. For high-use aprons, this may be daily; for others, weekly or as needed.
- Use a professional cleaning service at least once a year for thorough disinfection and odor reduction.

PRECAUTIONS

- Do not soak or submerge in water.
- Do not use in washers or dryers.
- Do not autoclave.
- Do not iron.
- Do not dry-clean.
- Avoid harsh cleaning agents.

STORAGE

- To maintain the integrity of your radiation protection apron, avoid folding or creasing whenever possible. While our Xenolite® material offers exceptional durability and elasticity, we recommend hanging aprons to ensure optimal preservation of both internal and external components. Like a shirt, folding is possible, but hanging ensures optimal condition and appearance retention.
- Hang aprons by the shoulders. Hang kilts and skirts by the straps.
- Roll aprons rather than folding them.
- When transporting, roll aprons and store them in an apron bag with a protective tube.
- Avoid storing aprons in extreme heat, cold, or high humidity.

THE GLOBAL RADIATION PROTECTION EXPERTS

EXCEPTIONAL SERVICE, EVERY STEP OF THE WAY

Our mission is to provide medical professionals with the highest-quality radiation protection solutions. Whether in person, over the phone, or virtually, our team is dedicated to helping you improve safety at every step of the process.

REGIONAL ACCOUNT MANAGERS

ON-SITE SUPPORT

- **EXPERT RECOMMENDATIONS:** Answering questions and offering personalized radiation shielding solutions.
- **TEAM FITTING SESSIONS:** Conducting fittings for garments, eyewear, and accessories for reduced weight, improved comfort, and ideal protection.
- **PROCEDURE ROOM ASSESSMENTS:** Identifying damaged, missing, or infection control concerns for radiation protection barriers, drapes, positioners, and table pads.
- **RADIATION SAFETY PRESENTATIONS:** Practical education for clinicians on minimizing exposure, understanding key risks, and protection options.

INSIDE SALES TEAM

FAST & REMOTE ASSISTANCE

- **VIRTUAL CONSULTATIONS:** Providing convenient virtual fittings for garments and eyewear.
- **PRODUCT RECOMMENDATIONS:** Guiding you to the best solutions for your unique needs.
- **PROMPT ASSISTANCE:** Delivering timely answers to questions and concerns.

CUSTOMER CARE TEAM

ORDER & PRODUCT ASSISTANCE

1-800-221-3466 | info@burmed.com
8:30AM—5:00PM, EST

- **BASED IN NEWPORT NEWS, VA,** along with our manufacturing facility.
- **ANSWER QUESTIONS:** Providing detailed information on products, orders, and services.
- **ORDER ASSISTANCE:** Ensuring a seamless process for ordering and tracking.

RMA TEAM

ALTERATIONS & REPLACEMENTS

- **VIDEO CONSULTATIONS:** Offering virtual fit checks and support sessions.
- **GARMENT ALTERATIONS:** Making necessary adjustments to tailored garments for the perfect fit
- **REPLACEMENTS OR REPAIRS:** Assessing product eligibility for fixes or replacements

FIT SPECIALISTS

ENSURING PROPER WEAR

- **FIT AND GUIDED SUPPORT:** Ensuring garments are worn correctly to reduce weight and improve comfort and shielding.

PROTECTING YOUR TEAM

We are proud to be your partner in radiation protection excellence.

www.BurMed.com | 1-800-221-3466
3 Elmhurst Street, PO BOX 3194
Newport News, VA 23603

Contact Us: