

APRON CATALOG 2026



Barrier Technologies[®]

X-RAY APRON SIZER



 **ULTRAFLEX**[™]

 **MAGNAGUARD**[™]

TERMINATOR XR[™]
MAXIMUM RADIATION PROTECTION



BARRIERTRACK
MANAGE. TRACK. INSPECT.



Your Safety is Our Concern™

Welcome to our new protective apron and apparel catalog. Through our steadfast commitment to product innovation and development, we are proud to bring you our new and existing product editions.

As a leading manufacturer of radiation protection products, we strive to develop and manufacture innovative products designed to protect healthcare personnel from the harmful effects of scatter radiation.



We are excited to introduce our new UltraFlex™ anti-bacterial stain resistant fabric and our MagnaGuard™ line of velco-free aprons and thyroid collars. Our unique UltraFlex™ fabric protects healthcare practitioners from all types of occupational hazards by being completely impervious to liquids thus eliminating stains and exposure to hazardous fluids produced during procedures.

Through our steadfast commitment to product innovation, we have developed MagnaGuard™ a revolutionary magnetic closure system that eliminates the need for Velcro. Our extensive bacteriological testing has confirmed the presence of MRSA and other dangerous bacteria on the Velcro closure portion of the Apron & Thyroid Collar. This bacteria is a cause of HAI (Hospital Acquired Infection) which costs the healthcare industry \$billions/year. MagnaGuard™ can be properly disinfected with a hospital grade disinfectant which will help to eliminate these dangerous forms of bacteria. The end result is a protective garment that is cleaner, safer, long-lasting, and environmentally friendly which benefits the Healthcare institution, practitioner, and patient.

INTRODUCING BODY ARMOUR

ENHANCED COVERAGE FOR OPTIMAL PROTECTION

Complete Thyroid Gland Protection

Advanced Axillary Lymph Node Protection

Comprehensive Gonad Region Protection

Integrated Lumbar Support to Reduce Back Strain

Built-in Cooling Mechanism



Barrier Technologies[®]
Your Safety is Our Concern[™]



X-RAY PROTECTIVE APRONS IN A DAY.

**READY
TO GO.**



SHIPS WITHIN 24HRS OF ORDER CONFIRMATION

CHOOSE FROM 2 STYLES & 2 COLOR OPTIONS



Black • Navy Blue



FEATURING



**ANTI-BACTERIAL
STAIN RESISTANT FABRIC**

**MAGNETIC
THYROID COLLAR**

INCLUDES:

- + **Barrier Flex Frontal or Support Vest & Skirt Apron**
- + **UltraFlex™ Anti-bacterial, Stain Resistant Fabric**
- + **MagnaGuard™ Magnetic Thyroid Collar**
- + **Custom Embroidery Available**

BrainSAVER
RADIATION PROTECTION
COOLING CAP

 **Barrier Technologies**®
Your Safety is Our Concern™



95%

protection against
scattered radiation

93%

coverage of brain
area from radiation



built-in cooling
mechanism

PROTECTIVE APRONS

MGF



Velcro-free Magnetic Closure

MagnaGuard™ Frontal

- Provides excellent weight distribution & comfort
- Two fully adjustable magnetic straps cross in the back & attach in the front providing a comfortable & secure fit
- Adjustable elastic inserts in the rear flaps offer greater comfort, adjustment & support
- Comfortable fit during long procedures
- Shoulder pads provide additional comfort



MGW



Velcro-free Magnetic Closure

MagnaGuard™ Wrap

- Provides full wrap around protection against direct & scatter radiation
- One-piece design enables easy-on & easy-off
- Fully adjustable integrated back support belt provides maximum support to the lower lumbar region
- Full length adjustable magnetic closures ensure a comfortable & secure fit
- Shoulder pads provide additional comfort



BF

The Barrier Flex

- Provides excellent weight distribution & comfort
- Two full adjustable Velcro straps cross in the back & attach in the front providing a comfortable fit while keeping the apron securely on the shoulders
- Adjustable elastic inserts in the rear flaps offer greater comfort, adjustment & support
- Comfortable fit during long procedures
- Shoulder pads provide additional comfort



ORQ

OR Quick Release

- Designed for quick release in the OR without compromising the sterile field
- Just release the Velcro straps at the hips and the apron falls off
- Adjustable elastic inserts in the rear flaps offer greater comfort, adjustment & support
- Shoulder pads provide additional comfort



BWSP

Barrier Wrap with Support

- Provides full wrap around protection against direct & scatter radiation
- One-piece design enables easy-on & easy-off
- Fully adjustable integrated back support belt provides maximum support to the lower lumbar region
- Full length adjustable Velcro closures ensure a comfortable & secure fit
- Shoulder pads provide additional comfort



SPVS

Support Vest and Skirt

- Fully adjustable integrated back support belt provides maximum support to the lower lumbar region
- Maximum freedom of movement with full front & back protection
- Even weight distribution helps reduce body fatigue
- Optional elastic insert in skirt affords a more comfortable fit
- Shoulder pads provide additional comfort



BFVS

Barrier Flex Vest and Skirt

- Integrated lumbar support belt provides greater comfort, during long procedures
- Even weight distribution helps reduce body fatigue
- Optional elastic insert in skirt affords a more comfortable fit
- Shoulder pads provide additional comfort



SVS

Standard Vest and Skirt

- Maximum protection & freedom of movement
- Ideal choice for long procedures
- Even weight distribution helps reduce body fatigue
- Optional elastic insert in skirt affords a more comfortable fit
- Shoulder pads provide additional comfort



TBB

The Basic

- Our most economically priced frontal apron
- 2" Buckle to keep apron snug
- .5mm Lead equivalent



AFWB

Adjustable Flex with Wide Belt

- 6" fully adjustable wide elastic belt shifts the weight of apron from the shoulders to the hips
- Even weight distribution for less stress on neck and back
- Fully adjustable back saver belt provides maximum support to the lower lumbar region
- Velcro shoulder strap helps prevent slippage
- Shoulder pads provide additional comfort



INTRODUCING



X-RAY APRON CLEANING WIPES

COVID-19
COMPLIANT

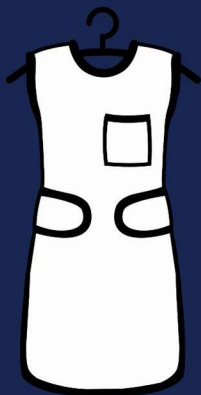
 **Barrier Technologies**[®]
Your Safety is Our Concern[™]



**COMPREHENSIVELY ACTIVE
AGAINST STAINS AND BACTERIA**



WIPE DOWN APRON



HANG AND AIR DRY



KILL HARMFUL BACTERIA

DYNAMIC TEMPERATURE REGULATING RADIATION PROTECTION APPAREL



INTRODUCING DTR TECHNOLOGY



Too Hot

Just Right

Too Cold

Temperature Regulating Textiles

DTR utilizes phase change materials (PCM) that absorb, store and release heat for optimal thermal comfort.

DTR molecules absorb the excess heat.

Stored heat is released to the body as needed.

The result is a constant microclimate.

Tested in Space, and Right Here on Earth



The only phase change material that carries the *Certified Space Technology™* seal of approval.



Velcro-free Dental Aprons

Magnetic Closure



Light Weight



Anti-bacterial



Flexible



Stain Resistant



Eliminates Cracking



Enhanced attenuation with Secure Shield™ Core Material Inside



- **MagnaGuard™** Magnetic Closure
- **UltraFlex™** Anti-bacterial, Stain Resistant Fabric
- **SecureShield™** Core Material Eliminates Cracking
- Available in Pb Standard & Pb Free Protection

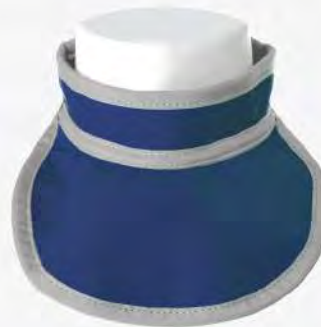
THYROID COLLARS



Velcro-free Thyroid Collars



Disposable



Visor

- 0.5mm Pb protection
- Available either separate, sewn or tethered to your apron
- Available in all fabrics
- Provides complete protection to the neck and sternum



BrainSAVER

RADIATION PROTECTION COOLING CAP

- 95% Protection against scatter radiation
- 93% Coverage of the brain area from radiation
- Built-in cooling mechanism

LEAD CAP

- Protection for the entire head
- Velcro fitted closure
- Available in 3 sizes
- Available in 0.35, or 0.5mm Pb protection



PROTECTIVE SLEEVE



- Available in full and half length
- Protects arm against scatter radiation
- Effectively shields long bones
- 0.5 Pb equivalency protection

Demi Apron with Rack



- Attached belt with 1" buckle back
- Available in 4 sizes
- 0.5 Pb equivalency protection

- Shields pelvic region
- Easy to use 2" Velcro belt closure
- Can be worn in either front or back
- Excellent protection for patient and staff

Half Apron



Elastic Belt with Draw Strings



- Employs a cinch & pulley system to evenly tighten the belt
- Provides extra rigid back support while supporting the weight of the apron
- To be worn over the apron
- Will not roll at the waist
- Available in S, M, L, XL & XXL

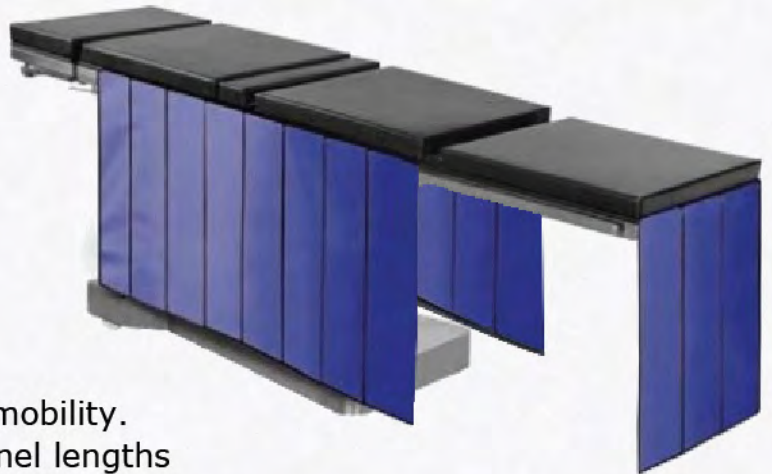
- For optimal lower back support & comfort
- Firm but flexible side supports eliminate back strain and fatigue
- Can be worn either over or under any apron
- Can be built into apron for permanent use
- Vented material provides all day comfort
- Available in S, M, L, XL & XXL

Ortho Belt



Table Shielding Drapes

Custom Table Scatter Shield features a saddle back design allowing a secure fit to any style imaging table. The overlapping paneled shields are secured to a padded surface that simply drapes over the table-top, beneath the mattress.



Pleated lead panels enable staff and c-arm mobility. Customized to specific table dimensions, panel lengths or to include table end flaps. Constructed of 0.5mm Pb equivalent panels. Select from our wide range of UltraFlex™ anti-bacterial/stain resistant fabrics

Protective Blankets

0.5mm Pb equivalent protective blanket may be used for shielding patients or equipment.



PROTECTIVE APRON TOTE BAG



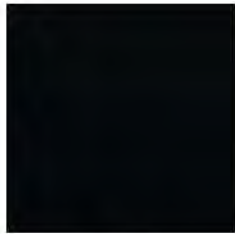
- Convenient way to carry your protective apparel
- 28" length minimizes the need to fold your apron
- EZ-Carry handle & shoulder strap included
- Fully customizable with your name and company logo embroidered.

FABRICS & COLORS

 **ULTRAFLEX™** ANTI-BACTERIAL STAIN RESISTANT FABRIC



AQUA



BLACK



CAMEL



CHARCOAL GREY



NAVY BLUE



YELLOW



PINK



PURPLE



RED



ROYAL BLUE



TEAL

TWO-TONE COLOR COMBINATIONS (Main / Accent)



BLACK/RED



NAVY BLUE/RED



PINK/BLACK



PURPLE/YELLOW



BLACK/CHARCOAL



NAVY BLUE/CHARCOAL



AQUA/BLACK



CHARCOAL/RED

DIAMOND RIPSTOP



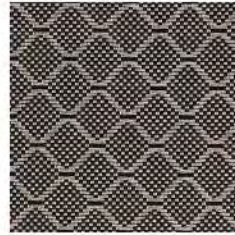
BLACK



BRONZE



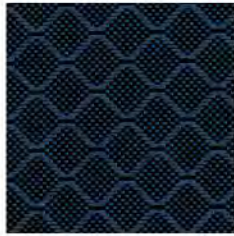
BURGUNDY



CHARCOAL GREY



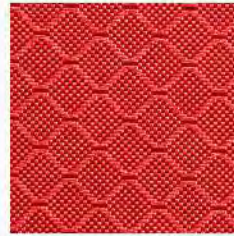
GREEN



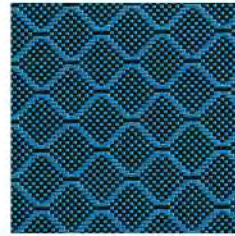
NAVY BLUE



PURPLE



RED



ROYAL BLUE

CAMOUFLAGE



BLUE CAMO



CLASSIC CAMO



DIGITAL GREEN



DIGITAL GREY



PINK CAMO

CUSTOM FABRICS



BLUE FLAMES



BUTTERFLY



DALMATIANS



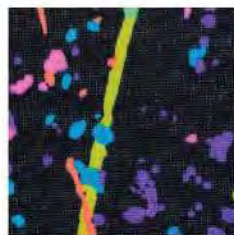
FLYING SHEEP



ORANGE FLAMES



PLAID



SPLATTER

PROTECTION PERFORMANCE

All .5mm Materials Offer 99% attenuation @100KVP

All .35mm Materials Offer 97% attenuation @100KVP

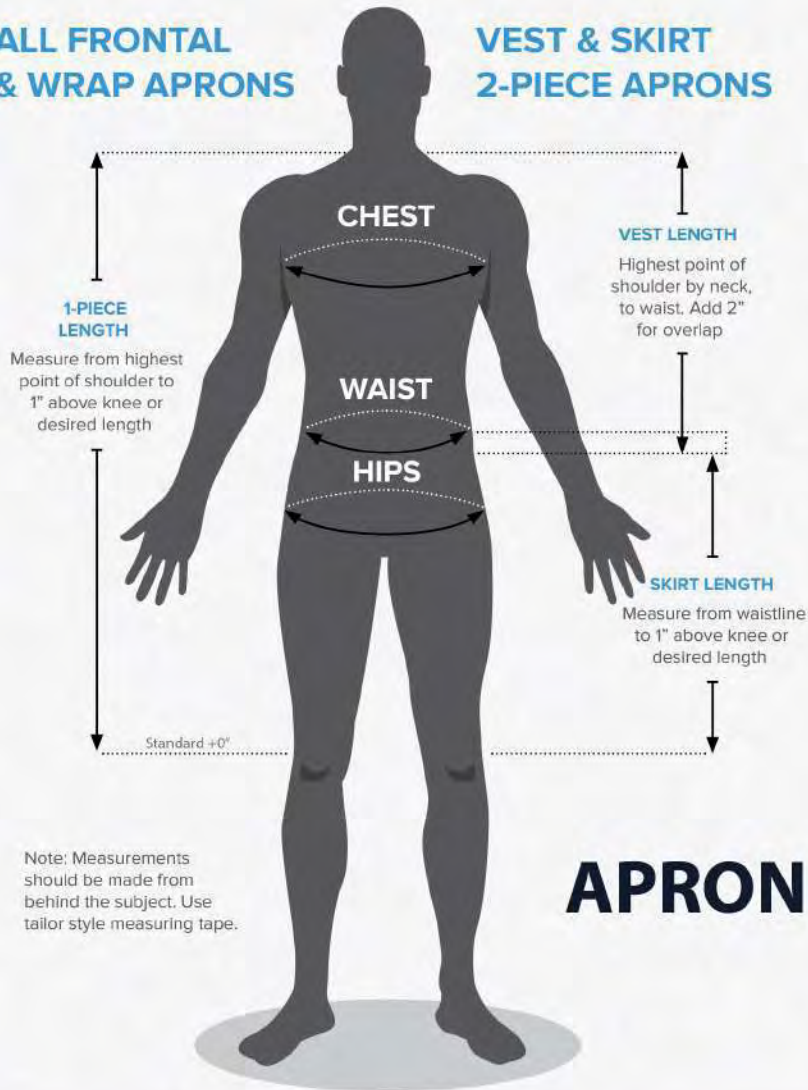
Pb Standard™
Traditional Lead Material
.5mm & .35mm



Pb Free™
Lead and Toxin Free
.5mm & .35mm

**ALL FRONTAL
& WRAP APRONS**

**VEST & SKIRT
2-PIECE APRONS**



Note: Measurements should be made from behind the subject. Use tailor style measuring tape.

APRON SIZING

APRON SIZING CHART

MEN'S FRONTAL APRONS				ITEM CODE - BF / MGF		
SIZE	APRON SIZE	JACKET SIZE	MAX CHEST/HIP	MAX WAIST	MAX HEIGHT	MAX WEIGHT
SMALL	21"W X 35"L	34-36	38"	36"	5'6"	136-142LBS.
MEDIUM	22"W X 37"L	38-40	42"	40"	5'10"	151-163LBS.
LARGE	23"W X 39"L	42-44	46"	44"	6'0"	164-188LBS.
X-LARGE	25"W X 41"L	46-48	50"	48"	6'2"	192-230LBS.
XX-LARGE	28"W X 42"L	50-52	53"	52"	6'4"	235-275LBS.
WOMEN'S FRONTAL APRONS				ITEM CODE - BF / MGF		
SIZE	APRON SIZE	DRESS SIZE	MAX BUST/HIP	MAX WAIST	MAX HEIGHT	MAX WEIGHT
X-SMALL	20"W X 33"L	0-2	32"	28"	5'2"	108-118LBS
SMALL	21"W X 34"L	4-6	34"	36"	5'6"	120-133LBS
MEDIUM	22"W X 36"L	8-10	37"	38"	5'8"	136-150LBS
LARGE	24"W X 38"L	12-14	40"	42"	5'10"	152-173LBS
X-LARGE	26"W X 40"L	16-18	43"	46"	6'0"	178-210LBS
XX-LARGE	28"W X 42"L	20-22	46"	50"	6'2"	220-250LBS
MEN'S VEST AND SKIRT				ITEM CODE - SPVS		
SIZE	MAX CHEST	VEST LENGTH	MAX SKIRT WAIST	MAX SKIRT HIP	MAX SKIRT LENGTH	MAX HEIGHT
X-SMALL	40"	23"	34"	40"	19"	5'4"
SMALL	42"	24"	36"	42"	20"	5'6"
MEDIUM	44"	25"	38"	44"	21"	5'8"
LARGE	46"	26"	40"	46"	22"	6'0"
X-LARGE	48"	27"	42"	48"	23"	6'2"
XX-LARGE	50"	28"	44"	50"	24"	6'4"
WOMEN'S VEST AND SKIRT				ITEM CODE - SPVS		
SIZE	MAX BUST	VEST LENGTH	MAX SKIRT WAIST	MAX SKIRT HIP	MAX SKIRT LENGTH	MAX HEIGHT
X-SMALL	34"	20"	30"	38"	20"	5'0"
SMALL	36"	21"	32"	40"	21"	5'2"
MEDIUM	38"	22"	34"	42"	22"	5'4"
LARGE	40"	23"	36"	44"	23"	5'6"
X-LARGE	42"	24"	38"	46"	24"	5'8"
XX-LARGE	44"	25"	40"	48"	25"	6'0"
MEN'S WRAP APRON				ITEM CODE - BWSP / MGW		
SIZE	MAX CHEST	MAX WAIST	MAX HIP	FRONT LENGTH	BACK LENGTH	MAX HEIGHT
X-SMALL	40"	41"	43"	34"	32"	5'4"
SMALL	42"	43"	45"	36"	34"	5'6"
MEDIUM	44"	45"	47"	38"	36"	5'8"
LARGE	46"	47"	49"	40"	38"	6'0"
X-LARGE	49"	50"	52"	42"	40"	6'2"
XX-LARGE	52"	53"	55"	44"	42"	6'4"
WOMEN'S WRAP APRON				ITEM CODE - BWSP / MGW		
SIZE	MAX BUST	MAX WAIST	MAX HIP	FRONT LENGTH	BACK LENGTH	MAX HEIGHT
X-SMALL	34"	36"	38"	32"	30"	5'2"
SMALL	36"	38"	40"	34"	32"	5'6"
MEDIUM	38"	40"	42"	36"	34"	5'8"
LARGE	40"	42"	44"	38"	36"	5'10"
X-LARGE	44"	46"	48"	40"	38"	6'0"
XX-LARGE	48"	50"	52"	42"	40"	6'2"

EMBROIDERY OPTIONS

AVAILABLE FONT STYLES

Diagnostic Imaging

(Block)

Diagnostic Imaging

(Script)

Custom logo embroidery
available upon request



Barrier Technologies®

Your Safety is Our Concern™

See All of Our Radiation Protection Products at:
WWW.BARRIERTECHNOLOGIES.COM

ULTRAFLEX™



**X-RAY
APRONS**

MAGNAGUARD™



**THYROID
SHIELDS**

TERMINATOR XR™



**MAXIMUM
PROTECTION**

XR 1 & XR2



**PROTECTIVE
GLOVES**



**LEADED
EYEWEAR**



**X-RAY
ACCESSORIES**



**SECURE
SHIELDS**



**MOBILE
BARRIERS**

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