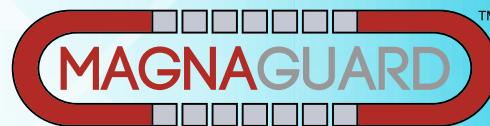


# APRON CATALOG 2023



**Barrier Technologies®**  
**X-RAY APRON SIZER** 

 **ULTRAFLEX™**



**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



## X-RAY APRON CLEANING WIPES

COVID-19  
COMPLIANT

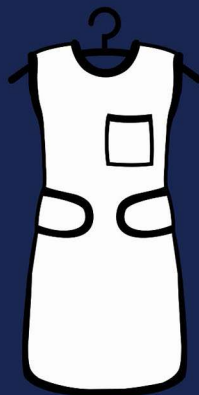
 **Barrier Technologies®**  
Your Safety is Our Concern™



**COMPREHENSIVELY ACTIVE  
AGAINST STAINS AND BACTERIA**



**WIPE DOWN APRON**



**HANG AND AIR DRY**



**KILL HARMFUL BACTERIA**



# X-RAY PROTECTIVE APRONS IN A DAY.

**READY  
TO GO.**



SHIPS WITHIN 24HRS OF ORDER CONFIRMATION

CHOOSE FROM 2 STYLES & 4 COLOR OPTIONS



Royal Blue • Charcoal Grey • 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





# TERMINATOR XR™

## MAXIMUM RADIATION PROTECTION

**1.0mm Pb LE Protection Per Panel**

**2.0mm Pb LE Protection In Overlapping Areas**

**100% attenuation at 160 kVp**



**ULTRAFLEX™**

Covered in UltraFlex™

Anti-bacterial stain resistant fabric.

**Body Contoured**

**Height Adjustable**

**Completely Mobile**

**Fully Encapsulating**



### Enhanced Operator Comfort & Safety



**Virtual Weightlessness**

**Unimpeded Patient Access**

**Optimal Scatter Protection**

**Reduces Radiation Exposure**





# APRONS

## FEATURING



Magnetic Closure

## VELCRO-FREE APRONS & THYROID COLLARS

MADE WITH



Anti-bacterial  
Stain Resistant Fabric

Through our steadfast  
commitment to product  
innovation, we have developed  
**MagnaGuard™** a revolutionary  
magnetic closure system that  
eliminates the need for Velcro.

### FRONTAL

ITEM: MGF



### WRAP

ITEM: MGW



COVID-19 COMPLIANT





# 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

BF



Enhanced attenuation with Secure Shield™ Core Material Inside

# 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

ORQ



Enhanced attenuation with Secure Shield™ Core Material Inside



## The Basic

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



Enhanced attenuation with  
Secure Shield™ Core Material Inside

TBB

## 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



Enhanced attenuation with  
Secure Shield™ Core Material Inside

AFWB

## 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
- Elastic insert in skirt affords a more comfortable fit
- Shoulder pads provide additional comfort



SPVS

## 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



BWSP

## Barrier Flex Vest and Skirt

- Elastic back provides greater comfort, adjustment & support especially 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

BFVS



## 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

SVS





# 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



## Barrier Band



- Pb Free
- Disposable
- One size fits all
- Elastic fitted closure
- Available in 0.35 or 0.5mm Pb protection



## 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
- 0.5mm 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" buckle 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

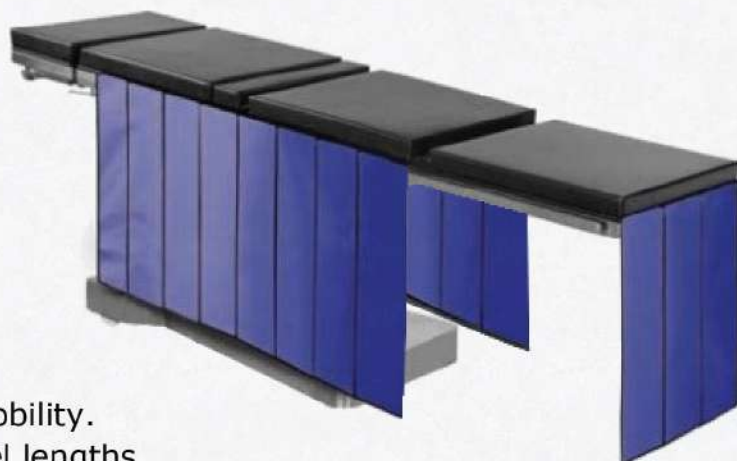
## Ortho Belt





## 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 tabletop, 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

Nylon-covered 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

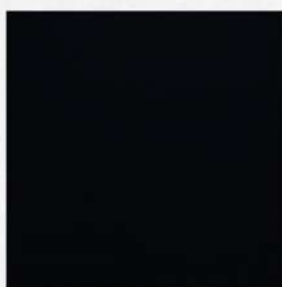




ANTI-BACTERIAL STAIN RESISTANT FABRIC



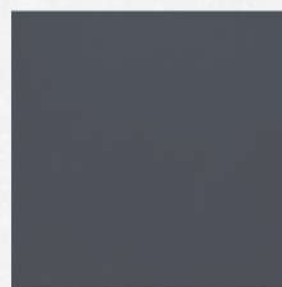
AQUA



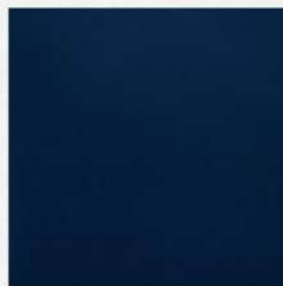
BLACK



CAMEL



CHARCOAL GREY



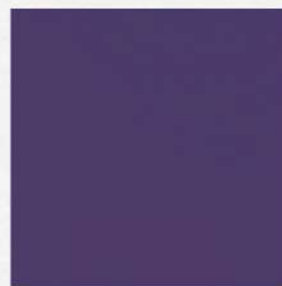
NAVY BLUE



YELLOW



PINK



PURPLE



RED



ROYAL BLUE



TEAL

## CAMOUFLAGE



BLUE CAMO



CLASSIC CAMO



DIGITAL GREEN

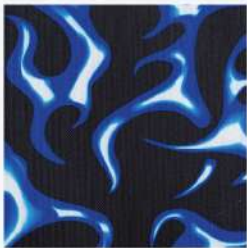


DIGITAL GREY



PINK CAMO

## CUSTOM FABRICS



BLUE FLAMES



BUTTERFLY



DALMATIANS



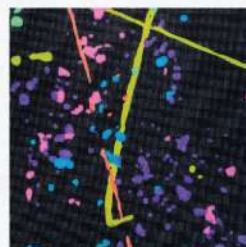
FLYING SHEEP



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



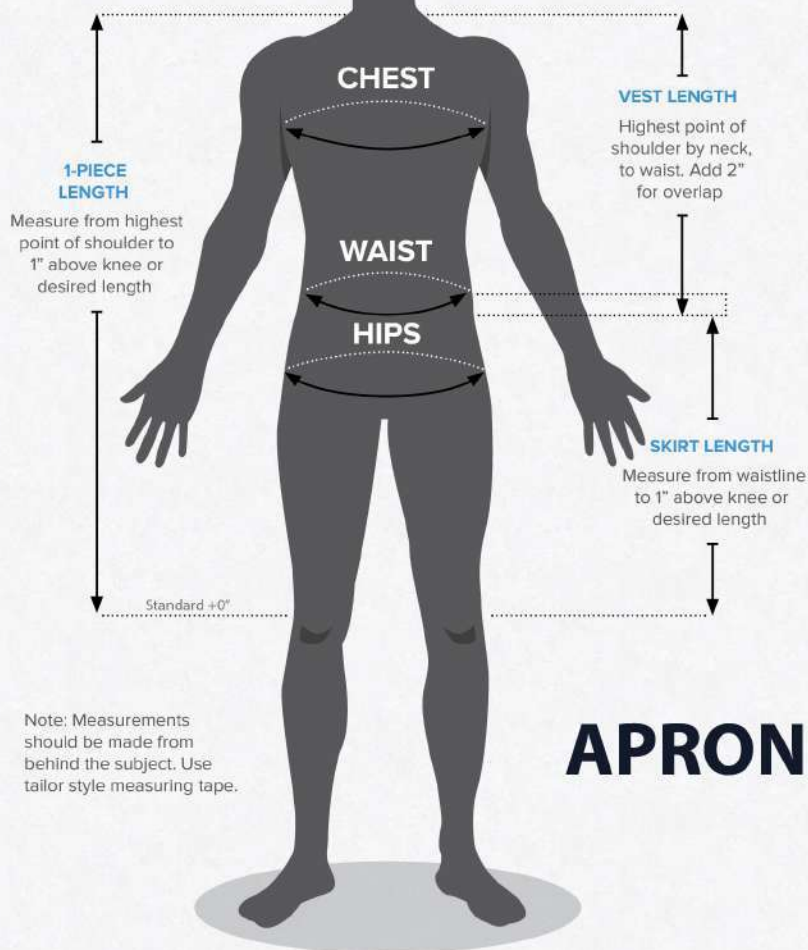
## Pb Free™

Lead and Toxin Free

.5mm & .35mm

### ALL FRONTAL & WRAP APRONS

### VEST & SKIRT 2-PIECE APRONS



## APRON SIZING

# APRON SIZING CHART

## FRONTAL APRONS - UNISEX

SIZE	APRON DIMENSION, INCHES		BODY MEASUREMENT			
	WIDTH	LENGTH	MAX HEIGHT	MAX WEIGHT	JACKET SIZE	MAX CHEST CIRCUMFERENCE
X-Small	21	34	5'4"	108-118 LBS.	34 - 36	38
Small	22	36	5'6"	136-142 LBS.	38 - 40	40
Medium	23	38	5'8"	151-163 LBS.	40 - 42	42
Large	25	40	6'	164-188 LBS.	42 - 44	45
X-Large	26	42	6'2"	192-230 LBS.	44 - 46	47
XX-Large	28	44	6'4"	235-275 LBS.	48 - 52	51

## VEST - UNISEX

SIZE	APRON DIMENSION, INCHES		BODY MEASUREMENT	
	WIDTH	LENGTH	MAX HEIGHT	MAX CHEST CIRCUMFERENCE
X-Small	20	24	5'4"	40
Small	21	25	5'6"	42
Medium	22	26	5'8"	44
Large	23	27	6'	46
X-Large	24	28	6'2"	48
XX-Large	25	29	6'4"	50

## SKIRT - UNISEX

SIZE	APRON DIMENSION, INCHES		BODY MEASUREMENT		
	WIDTH	LENGTH	MAX HEIGHT	MAX WAIST CIRCUMFERENCE	MAX HIP CIRCUMFERENCE
X-Small	18	19	5'4"	36	40
Small	19	20	5'6"	38	42
Medium	20	21	5'8"	40	45
Large	21	22	6'	42	47
X-Large	22	23	6'2"	44	49
XX-Large	23	24	6'4"	46	52

## ONE PIECE WRAPAROUND - UNISEX

SIZE	APRON DIMENSION, INCHES		BODY MEASUREMENT		
	WIDTH	LENGTH	MAX HEIGHT	MAX CHEST CIRCUMFERENCE	MAX WAIST CIRCUMFERENCE
X-Small	21	36	5'4"	42	42
Small	22	38	5'6"	44	44
Medium	23	40	5'8"	46	46
Large	25	42	6'	50	50
X-Large	27	44	6'2"	54	54
XX-Large	29	46	6'4"	58	58



# EMBROIDERY OPTIONS

## AVAILABLE FONT STYLES

**Diagnostic Imaging**  
(Block)

*Diagnostic Imaging*  
(Script)

Custom logo embroidery  
available upon request

**See All of Our Radiation Protection Products at:**  
**[WWW.BARRIERTECHNOLOGIES.COM](http://WWW.BARRIERTECHNOLOGIES.COM)**

**ULTRAFLEX<sup>™</sup>**



**X-RAY  
APRONS**

**MAGNAGUARD<sup>™</sup>**



**THYROID  
SHIELDS**

**TERMINATOR XR<sup>™</sup>**



**MAXIMUM  
PROTECTION**

**XR 1 & XR2**



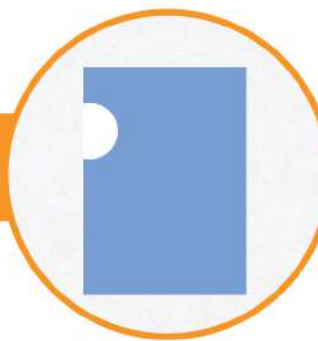
**PROTECTIVE  
GLOVES**



**LEADED  
EYEWEAR**



**X-RAY  
ACCESSORIES**



**SECURE  
SHIELDS**



**MOBILE  
BARRIERS**

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