

# BLOXR® XPF® Attenuating Products

Reduce your  
annual spend on  
x-ray protection\*

Comfortable, durable  
& long-lasting



\*Details on page 4



**BLOXR**

# About BLOXR Solutions

BLOXR Solutions, LLC, is a USA manufacturer of patented scatter radiation protection products designed to reduce exposure for clinicians and patients through innovative applications of its proprietary technologies. Over the past 20 years, x-ray technology has progressed rapidly with manufacturers developing equipment to achieve clearer images at lower kVp levels. The use of x-ray and fluoroscopy in surgery and evaluative procedures is increasing, and will continue to expand, leading to increases in the cumulative dose that surgeons and techs are exposed to over time. Protection from this expanded level of scatter radiation is what BLOXR seeks to offer its customers. BLOXR Solutions is a wholly owned subsidiary of NEXT Medical Products Company.



B L O X R



ISO 13485



BLOXR Solutions is a certified minority, woman-owned small business.

Registered with Health Canada

FDA 510(k) Clearance

XPF Garments are UDI Compliant

U.S. Patent Numbers 8754389, 8993989 and 9114121

BLOXR®, XPF®, ULTRABLOX® and BLOXRTRAX™ are trademarks of BLOXR Solutions.

# ULTRABLOX® X-Ray Attenuating Cream

Protect the hands from scatter radiation and reduce dose exposure without the loss of tactile feel. Clinical studies have shown up to 85% dose reduction. The cream can be applied directly to skin or encapsulated between two pair of surgeon's gloves.

- Patented formula.
- Easily incorporates into physician's prep procedure -- a practical and efficient alternative to leaded gloves.
- Contains no lead, lead by-products or other toxic materials. Biocompatible.
- Eliminates the need to inventory multiple sizes of lead gloves.



ULTRABLOX® X-Ray  
Attenuating Hand Cream  
50 Gram tube, sterile,  
packaged in a peel pouch

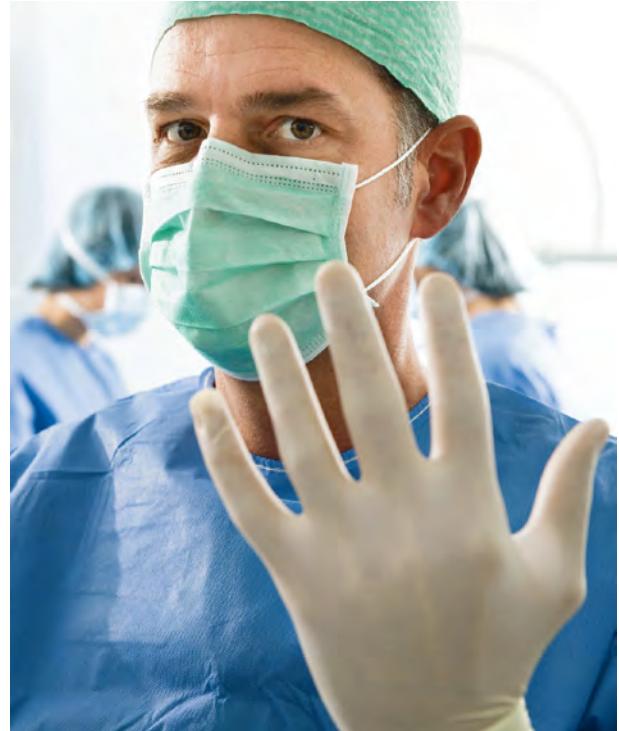
PN      Quantity  
100036    15/box



U.S. Patent Number 9,114,121

# ULTRA **BLOX** X-Ray Attenuating Cream

For more details and  
demonstration videos,  
scan code.



Unprotected hand

Hand protected with  
ULTRABLOX  
Attenuating Cream



## The Benefits of XPF® Protection



### BLOXR

XPF® Radiation Shields are intended for use as shields against ionizing radiation such as X-rays, Fluoroscopy or CT technology.

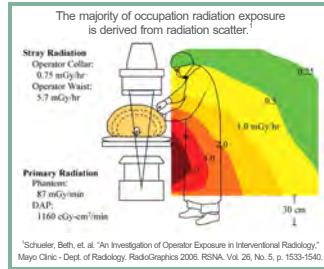
- Flexible
- Lightweight
- Independently validated
- Durable
- Non-toxic
- Washable
- Effective scatter radiation protection
- “Green” no heavy metals
- Three year warranty



U.S. Patent Numbers 8754389 and 8993989. BLOXR XPF has 510(k) clearance from the FDA.

# Why XPF Technology?

Effective scatter radiation protection doesn't have to be heavy, toxic or easily breakable. BLOXR® XPF® technology is lead-free with no heavy metals. It helps clinicians achieve a reduced dose with no compromise in protection across the full kVp spectrum. It's extremely flexible, highly durable and lightweight.



\*Schuster, Beth, et. al. "An Investigation of Operator Exposure in Interventional Radiology." Mayo Clinic - Dept. of Radiology. RadioGraphics 2006, RSNA, Vol. 26, No. 5, p. 1533-1540.

**COST SAVINGS:** We can help drive down your annual expense for scatter radiation protection. Our long-lasting apparel is backed by a three-year warranty. In fact, original BLOXR customers report garments still in use after six years and counting. Why pay year after year for replacement of cracked or grungy lead/light lead garments when XPF provides a proven alternative? When finally at the end of its useful life, you won't incur exorbitant disposal costs because XPF garments contain no lead or heavy metal. They can be included in regular trash.

**3**

THREE-YEAR WARRANTY  
XPF products will be free from cracks or radiation leaks due to defects in material or workmanship for three years from date of purchase. Refer to BLOXR sales policy for details.

**UNIQUE LEAD-FREE ATTENUATION:** XPF garments feature a patented, lightweight bi-layer constructed of barium sulfate and bismuth oxide. The two layers work together to provide the best attenuation by weight as compared to other common attenuating materials. This design uniquely filters out the lower energy, the more harmful part of the X-ray beam, thereby providing increased safety and reduced dose. Independently validated 0.5mm Pb equivalent. *Made in the USA.*



**EASY WEAR & CARE:** XPF garments are able to bend and flex with the user providing a comfortable wearing experience. When not being worn, they can be folded or hung for storage because they resist cracking. If they become dirty or sweaty, they can be wiped clean or machine washed and dried. Refer to [bloxr.com/ifu](http://bloxr.com/ifu) for usage and care instructions.



**INSPECTION:** Refer to [bloxr.com/inspect](http://bloxr.com/inspect) for information on fluoroscopic or x-ray inspection of BLOXR XPF Garments.

# XPF® Vests & Skirts

A separate skirt and vest provide added flexibility and superior weight distribution to help reduce back pain and the limited mobility of heavy aprons.

- Standard Vest overlaps in front.
- Vest with Elastic Back has one adjustable top shoulder strap for improved fit. Design provides lumbar support which helps remove weight from shoulder area.
- All Vests include padded shoulders and a pocket on the left side of the chest.
- Skirt includes an attached, adjustable belt, two hanging loops, and a pocket on the left near the hip.

Vest		Vest with Elastic Back	
PN*	Size	PN*	Size
100096	XS	100399	XS
100030	S	100400	S
100031	M	100401	M
100032	L	100402	L
100040	XL	100403	XL
100097	XXL	100404	XXL

Chest      Low Waist      Length

in: 30" - 32"      in: 32" - 34"      in: 21"      cm: 76 - 81      cm: 81 - 86      cm: 53

in: 32" to 35"      in: 37" - 39"      in: 22"      cm: 81 - 89      cm: 94 - 99      cm: 56

in: 36" - 41"      in: 39" - 42"      in: 24"      cm: 91 - 104      cm: 99 - 107      cm: 61

in: 41" - 46"      in: 42" - 44"      in: 25"      cm: 104 - 117      cm: 107 - 112      cm: 64

in: 46" - 51"      in: 44" - 47"      in: 27"      cm: 117 - 130      cm: 112 - 119      cm: 69

in: 51" - 53"      in: 48" - 51"      in: 28"      cm: 130 - 135      cm: 122 - 130      cm: 71

Options (pg 8-13): ✓ Tethering ✓ Monogram/Embroidery ✓ Colored Binding Edge ✓ Elastic Support Belt (standard vest only) ✓ Dosimeter pocket ✓ Sleeve(s) ✓ Thyroid Collar ✓ Cap ☷ Integrated pregnancy shield ☷ Drop shoulder ☷ Back shoulder strap

## Skirt

PN*	Size	Waist	Hips	Length
100106	XS	in: 26" - 29"	in: 36"	in: 19"
		cm: 66 - 74	cm: 91	cm: 48
100027	S	in: 29" to 32"	in: 38"	in: 20"
		cm: 74 - 81	cm: 97	cm: 50
100028	M	in: 32" - 34"	in: 41"	in: 21"
		cm: 81 - 86	cm: 104	cm: 53
100029	L	in: 34" - 36"	in: 44"	in: 22"
		cm: 86 - 91	cm: 112	cm: 56
100039	XL	in: 37" - 40"	in: 49"	in: 23"
		cm: 94 - 102	cm: 124	cm: 58
100102	XXL	in: 40" - 43"	in: 52"	in: 24"
		cm: 102 - 109	cm: 132	cm: 61

Options (pg 8-13): ✓ Tethering ✓ Monogram/Embroidery ✓ Colored Binding Edge ✓ Lumbar Elastic Band ✓ Anti-Slip Backing ✓ Longer hanging loops ✓ Suspenders ✓ Integrated pregnancy shield ✓ Dosimeter pocket ✓ Thyroid Collar ✓ Cap ☷ Sleeve(s) ☷ Elastic Support Belt ☷ Drop shoulder ☷ Back shoulder strap



**VEST or SKIRT**  
Lead equivalency  
FRONT: 0.5 mm Pb  
BACK: 0.25 mm Pb



**VEST with ELASTIC BACK or SKIRT**  
Lead equivalency  
FRONT: 0.5 mm Pb  
BACK: 0.25 mm Pb



Scan for tips on selecting and wearing XPF vests and skirts:



\*Colors/patterns are listed on pg 12.  
Add the color code suffix to PN.

# XPF® Aprons

Five styles of aprons with XPF protection and a three-year warranty. Choose the style that best meets your needs.

- Aprons have padded shoulders to enhance comfort.

## ► Frontal Apron

The upper back strap and attached belt help distribute the apron's weight. Includes pockets near both hips and on the left side of the chest.

PN*	Size	Chest	Length	Max Hgt
100019	XS	in: 30" - 34" cm: 76 - 86	in: 32" cm: 81	5' 0" cm: 152
100010	S	in: 34" to 38" cm: 86 - 97	in: 35" cm: 89	5' 5" cm: 165
100011	M	in: 38" - 42" cm: 97 - 107	in: 40" cm: 102	5' 10" cm: 178
100012	L	in: 42" - 46" cm: 107 - 117	in: 44" cm: 112	6' 3" cm: 191
100038	XL	in: 46" - 50" cm: 117 - 127	in: 46" cm: 117	6' 8" cm: 203
100045	XXL	in: 50" - 56" cm: 127 - 142	in: 47" cm: 119	6' 10" cm: 208

Options (pg 8-13): ✓Tethering ✓Monogram/Embroidery  
✓Colored Binding Edge ✓Elastic Support Belt ✓Integrated pregnancy shield ✓Dosimeter pocket ✓Sleeve(s) ✓Thyroid Collar  
✓Cap ☷Drop shoulder ☷Back shoulder strap (already included)



FRONTAL APRON

Lead equivalency  
FRONT: 0.5 mm Pb



FRONTAL APRON with  
ELASTIC BACK

Lead equivalency  
FRONT: 0.5 mm Pb



Scan for tips on  
selecting and wearing  
XPF Frontal Aprons:



\*Colors/patterns are listed on pg 12.  
Add the color code suffix to PN.



**BLOXR**



### FRONTAL APRON with CLOSED ELASTIC BACK

Lead equivalency

FRONT: 0.5 mm Pb

BACK: 0.25 mm Pb



### WRAP APRON

Lead equivalency

FRONT: 0.5 mm Pb

BACK: 0.25 mm Pb



Aprons shown  
with optional  
items.

### ► Frontal Apron with Closed Elastic Back

Provides built-in lumbar support. Includes one adjustable top shoulder strap and a pocket on the left side of the chest.

PN*	Size	Chest	Length	Max Hgt
100520	XS	in: 30" - 34" cm: 76 - 86	in: 32" cm: 81	5' 0" cm: 152
100521	S	in: 34" - 38" cm: 86 - 97	in: 35" cm: 89	5' 5" cm: 165
100522	M	in: 38" - 42" cm: 97 - 107	in: 40" cm: 102	5' 10" cm: 178
100523	L	in: 42" - 46" cm: 107 - 117	in: 44" cm: 112	6' 3" cm: 191
100524	XL	in: 46" - 50" cm: 117 - 127	in: 46" cm: 117	6' 8" cm: 203
100525	XXL	in: 50" - 56" cm: 127 - 142	in: 47" cm: 119	6' 10" cm: 208

Options (pg 8-13): ✓ Tethering ✓ Monogram/Embroidery  
✓ Colored Binding Edge ✓ Dosimeter pocket ✓ Sleeve(s) ✓  
Thyroid Collar ✓ Cap ☐ Elastic Support Belt ☐ Drop shoulder  
☐ Back shoulder strap ☐ Integrated pregnancy shield

### ► Wrap Apron

Full coverage apron that overlaps in front. Includes pockets on the left hip and the left side of the chest.

PN*	Size	Chest	Length	Max Hgt
100107	XS	in: 30" - 32" cm: 76 - 81	in: 32" cm: 81	5' 0" cm: 152
100103	S	in: 32" to 35" cm: 81 - 89	in: 35" cm: 89	5' 5" cm: 165
100104	M	in: 36" - 41" cm: 91 - 104	in: 40" cm: 102	5' 10" cm: 178
100105	L	in: 41" - 46" cm: 104 - 117	in: 44" cm: 112	6' 3" cm: 191
100108	XL	in: 46" - 51" cm: 117 - 130	in: 46" cm: 117	6' 8" cm: 203

Options (pg 8-13): ✓ Tethering ✓ Monogram/Embroidery  
✓ Colored Binding Edge ✓ Elastic Support Belt ✓ Dosimeter  
pocket ✓ Sleeve(s) ✓ Thyroid Collar ✓ Cap ☐ Drop shoulder  
☐ Back shoulder strap ☐ Integrated pregnancy shield

### ► Drop Apron

Designed for quick release. Includes a pocket  
on the left side of the chest.

PN*	Size	Chest	Length	Max Hgt
100041	S	in: 34" to 38" cm: 86 - 97	in: 37" cm: 94	5' 5" cm: 165
100042	M	in: 38" - 42" cm: 97 - 107	in: 42" cm: 107	5' 10" cm: 178
100043	L	in: 42" - 46" cm: 107 - 117	in: 47" cm: 119	6' 3" cm: 191
100044	XL	in: 46" - 51" cm: 117 - 130	in: 52" cm: 132	6' 8" cm: 203

Options (pg 8-13): ✓ Tethering ✓  
Embroidery ✓ Colored Binding ✓  
Dosimeter pocket ✓ Thyroid  
Collar ✓ Cap ☐ Elastic Support  
Belt ☐ Sleeve(s) ☐ Drop  
shoulder ☐ Back shoulder strap  
☐ Pregnancy shield



Scan for  
Drop Apron  
usage details.



### DROP APRON

Lead equivalency FRONT: 0.5 mm Pb

\*Colors/patterns are  
listed on pg 12. Add the  
color code suffix to PN.

# XPF® Thyroid Collars and Caps

## THYROID COLLAR

Lead equivalency 0.5 mm Pb over thyroid  
and 0.25 mm in remaining areas

Comfortably fits  
around the neck.  
Machine washable.  
Secures with a hook  
and loop closure at  
the back of the neck.

### Thyroid Collar

PN*	Size	Neck
100007	S	in: 10" - 14" cm: 25 - 35
100008	M	in: 15" - 17" cm: 38 - 43
100009	L	in: 18" - 20" cm: 46 - 51
100049	XL	in: 21" - 23" cm: 53 - 58

Options (pg 11-13): ✓ Tethering  
✓ Monogram/Embroidery ✓ Plastic Clip or Magnet closure ✓ Dosimeter pocket  
∅ Colored Binding Edge



## HIGH NECK THYROID COLLAR

Lead equivalency 0.5 mm Pb over full bib and sides

Machine washable.  
Secures with a hook  
and loop closure at  
the back.

### High Neck Thyroid Collar

PN*	Size	Neck
100067	S	in: 10" - 14" cm: 25 - 35
100068	M	in: 15" - 17" cm: 38 - 43
100069	L	in: 18" - 20" cm: 46 - 51



Options (pg 11-13): ✓ Tethering  
✓ Monogram/Embroidery ✓ Colored Binding edge ✓ Plastic Clip closure  
✓ Dosimeter pocket ∅ Magnet closure



**BLOXR**

\*Colors/patterns are listed on pg 12.  
Add the color code suffix to PN.

## CAP

Lead equivalency 0.5 mm Pb front/sides

Mesh top and wicking material against skin provide maximum comfort for the wearer. Can be wiped down or machine washed. Ties securely in back.



### Cap

PN*	Size	Head
100098	S	in: 21" - 23" cm: 53 - 58
100099	M	in: 22" - 24" cm: 56 - 61
100100	L	in: 23" - 25" cm: 58 - 64

Options (pg 11-13): ✓ Tethering  
✓ Monogram/Embroidery  
✓ Colored Binding edge

*"Radiation exposure...is significantly higher on the left and center compared with the right side of the cranium."*

Reeves, et al., Invasive Cardiologists Are Exposed to Greater Left Sided Cranial Radiation The BRAIN Study, JACC: Cardiovascular Interventions, Vol 8, Iss 9, Aug 2015.

## MAX THYROID COLLAR

Lead equivalency 0.5 mm Pb over full bib and sides

Bib area is broader and protection extends along the sides.

### Max Thyroid Collar

PN*	Size
100050	One size fits most

Options (pg 11-13): ✓ Tethering  
✓ Monogram/Embroidery ✓ Plastic Clip or Magnet closure ✓ Dosimeter pocket ∅ Colored Binding Edge



## DISPOSABLE

- 0.5 mm lead equivalency
- Light blue polypropylene
- Not cleanable, limited use
- Packaged 12/bag



Thyroid Collar

PN	Size	Neck
100001	S	in: 10"-14", cm: 25-35
100002	M	in: 15"-17", cm: 38-43
100003	L	in: 18"-20", cm: 46-51
100051	XL	in: 21"-23", cm: 53-58



Cap

PN	Size	Head
100004	S	in: 21"-23", cm: 53-58
100005	M	in: 22"-24", cm: 56-61
100006	L	in: 23"-25", cm: 58-64

# XPF® Pregnancy Protection

## PREGNANCY SHIELD with a STRAP BELT

Lead equivalency 0.5 mm Pb in front

Wear over the top of, or underneath, an existing apron for additional protection. Attached belt strap is adjustable.

### Pregnancy Shield

PN*	Size	Dims W x H
10P290	XS	in: 17" x 13" cm: 43 x 33
10P291	S	in: 19" x 16" cm: 48 x 41
10P292	M	in: 21" x 17" cm: 53 x 43
10P293	L	in: 24" x 22" cm: 61 x 56
10P294	XL	in: 26" x 22" cm: 66 x 56
10P295	XXL	in: 28" x 22" cm: 71 x 56



Shown with embroidery.

Options (pg 12-13):  
 ✓ Monogram/Embroidery  
 ✓ Colored Binding Edge



## FRONTAL APRON with PREGNANCY SHIELD

Lead equivalency: 0.5 mm Pb in front with 1.0 mm Pb in shield area

XPF Frontal Apron with a detachable Pregnancy Shield that is positioned inside near the uterus. Shield is easily removable when not needed.

### Frontal Apron with attached Pregnancy Shield

PN*	Size	Chest	Length	Max Hgt
10P019	XS	in: 30" - 34" cm: 76 - 86	in: 32" cm: 81	5' 0" cm: 152
10P010	S	in: 34" to 38" cm: 86 - 97	in: 35" cm: 89	5' 5" cm: 165
10P011	M	in: 38" - 42" cm: 97 - 107	in: 40" cm: 102	5' 10" cm: 178
10P012	L	in: 42" - 46" cm: 107 - 117	in: 44" cm: 112	6' 3" cm: 191
10P038	XL	in: 46" - 50" cm: 117 - 127	in: 46" cm: 203	6' 8" cm: 117
10P045	XXL	in: 50" - 56" cm: 127 - 142	in: 47" cm: 119	6' 10" cm: 208



Apron when shield is removed: 0.5 mm Pb front

Options (pg 8-13):

- ✓ Tethering
- ✓ Monogram/Embroidery
- ✓ Colored Binding Edge
- ✓ Elastic Support Belt
- ✓ Dosimeter pocket
- ✓ Sleeve(s)
- ✓ Thyroid Collar
- ✓ Cap
- Drop shoulder
- Back shoulder strap (already included)

## SKIRT with PREGNANCY SHIELD

Lead equivalency: 0.5 mm Pb in front with 1.0 mm Pb in shield area/0.25 mm Pb back

Skirt includes a detachable Pregnancy Shield, positioned inside near the uterus. Shield is easily removable when not needed.



Skirt when shield is removed: 0.5 mm Pb front/0.25 mm Pb back



Shown with optional pink binding edge

### Skirt with attached Pregnancy Shield

PN*	Size	Waist	Hips	Length
10P106	XS	in: 26" - 29" cm: 66 - 74	in: 36" cm: 91	in: 19" cm: 48
10P027	S	in: 29" to 32" cm: 74 - 81	in: 38" cm: 97	in: 20" cm: 50
10P028	M	in: 32" - 34" cm: 81 - 86	in: 41" cm: 104	in: 21" cm: 53
10P029	L	in: 34" - 36" cm: 86 - 91	in: 44" cm: 112	in: 22" cm: 56
10P039	XL	in: 37" - 40" cm: 94 - 102	in: 49" cm: 124	in: 23" cm: 58
10P102	XXL	in: 40" - 43" cm: 102 - 109	in: 52" cm: 132	in: 24" cm: 61

Options (pg 8-13):

- ✓ Tethering
- ✓ Embroidery
- ✓ Colored Binding Edge
- ✓ Lumbar Elastic Band
- ✓ Anti-Slip Backing
- ✓ Longer hanging loops
- ✓ Suspenders
- ✓ Dosimeter pocket
- ✓ Thyroid Collar
- ✓ Cap
- Elastic Support Belt

## FRONTAL APRON with ELASTIC BACK and PREGNANCY SHIELD

Lead equivalency: 0.5 mm Pb in front with 1.0 mm Pb in shield area

Apron has built in lumbar support and includes a detachable Pregnancy Shield inside the front. Shield is easily removable when not needed.



Apron when shield is removed: 0.5 mm Pb front



### Frontal Apron with Elastic Back and attached Pregnancy Shield

PN*	Size	Chest	Length	Max Hgt
10P420	XS	in: 30" - 34" cm: 76 - 86	in: 32" cm: 81	5' 0" cm: 152
10P421	S	in: 34" to 38" cm: 86 - 97	in: 35" cm: 89	5' 5" cm: 165
10P422	M	in: 38" - 42" cm: 97 - 107	in: 40" cm: 102	5' 10" cm: 178
10P423	L	in: 42" - 46" cm: 107 - 117	in: 44" cm: 112	6' 3" cm: 191
10P424	XL	in: 46" - 50" cm: 117 - 127	in: 46" cm: 117	6' 8" cm: 203
10P425	XXL	in: 50" - 56" cm: 127 - 142	in: 47" cm: 119	6' 10" cm: 208

Options (pg 8-13):

- ✓ Tethering
- ✓ Monogram/Embroidery
- ✓ Colored Binding Edge
- ✓ Drop shoulder
- ✓ Back shoulder strap
- ✓ Dosimeter pocket
- ✓ Sleeve(s)
- ✓ Thyroid Collar
- ✓ Cap
- Elastic Support Belt

\*Colors/patterns are listed on pg 12. Add the color code suffix to PN.

# XPF® Sleeves, Bra Inserts, Shin Guards

## SLEEVES

Lead equivalency 0.5 mm Pb

Add a protective sleeve (or two) for additional protection. Attaches to garment with velcro-type hook/loop fasteners so sleeves can be easily removed when not being used.

### Sleeves

PN	Qty.	Size
SLV-LEFT	1 left sleeve	Custom (provide measurement):
SLV-RIGHT	1 right sleeve	Distance from top of the shoulder, down the arm to desired length
SLV-PAIR	1 pair	



Add to an XPF Vest or Apron (not Drop Apron). Sleeve color will match garment.

Alternative attachment options:  
✓ Snap closures or permanently sewn to garment (on request).

## CAP SLEEVES

Lead equivalency 0.5 mm Pb

Cap sleeves are permanently sewn to a garment. They are 3.5" wide and extend 180° around the armhole toward the front of the garment, providing extra coverage near the axilla/breast tissue area.

### Cap Sleeves

PN	Qty.
600015	1 sleeve (specify right or left)
600016	1 pair



Add to an XPF Vest or Apron (not Drop Apron). Sleeve color will match garment.



## BRA INSERTS

Lead equivalency 0.5 mm Pb

Easily slips inside wearer's bra. Lined with soft wicking material for comfort. Available in cup sizes A through D.

### Bra Inserts (1 pair)

PN	Cup Size
10013A	A
10013B	B
10013C	C
10013D	D

Add color suffix: -PNK (pink) or -BLK (black)



Insert can be rotated toward the axillary area to act as a wing.

## SHIN GUARDS

Lead equivalency 0.5 mm Pb

Shin Guards span from near the knee down to the top of the foot. Secured with adjustable velcro-type closures.

### Shin Guards (1 pair)

PN*	Size
101155	Custom (provide measurements*)

Options (pg 12-13):  
✓ Monogram/Embroidery  
✓ Colored Binding Edge

\*Measurements needed: 1. Calf circumference (largest part). 2. Ankle circumference. 3. Distance from top of foot to preferred height below the center of the knee.



**10** www.bloxr.com

\*Colors/patterns are listed on pg 12. Add the color code suffix to PN.

# Options

## ► Tether

Keep thyroid collars or caps close at hand with tethers (nylon webbing with 1" split ring).

One tether is needed on each garment to be mated together.

PN	Qty
600001	1



Two tethers mated together (shown above).

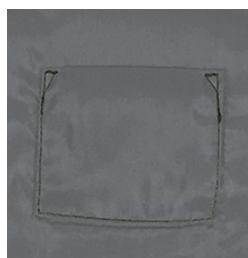
## ► Dosimeter Pocket

Add a dosimeter pocket (3"H x 2.75"W) to the inside lining of a garment.

PN	Qty
600007	1

Available locations in lining:

- Frontal/Drop Aprons: center, left, right
- Wrap Apron/Vest: center, right
- Skirt: center
- Thyroid Collar: center (can also be placed on the outside of collar on request)



## ► Elastic Support Belt

Add to a standard Vest for lumbar support. Use as a replacement for the standard belt on a Wrap Apron or a standard Frontal Apron. Height is 6".

PN	Size
100304	XS
100305	S
100306	M
100307	L
100308	XL
100309	XXL



Color will match garment. Belt is attached to garment with Velcro-type closures (on request, belt can be permanently sewn on, or provided loose/unattached).

Not for use on elastic back style vests or aprons.

## ► Strap on Patient Shield

Add an adjustable strap belt.

PN	Qty
600019	1 strap



See pg 9 for Pregnancy Shields with pre-attached straps.



## For Thyroid Collars

### ► Alternative Collar Closures (not velcro)

*Magnet:* The magnet can be manipulated side to side to adjust to the wearer's neck. (Not available on the High Neck style.)

PN	Qty
600017	Add 1 Magnet closure

*Clip:* Plastic clip fastens behind the neck.

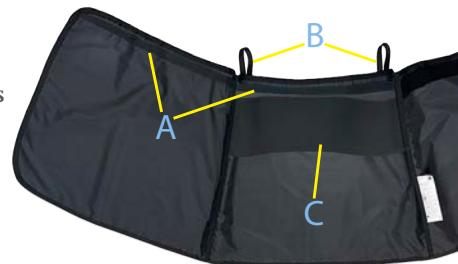
PN	Qty
600018	Add 1 clip closure

## For Skirts

### ► Anti-Slip Backing

Add a non-slip rubber strip, 7/8" high, to interior waist. (A)

PN	Qty
600006	1



### ► Longer Hanging Loops

Loop height is 10" long to fit wider hangers. (B)

PN	Qty
600021	1 pair (10"H)

### ► Inner Lumbar Elastic Band

Add to upper back area of interior lining, 6" high. (C)  
Can also be added to a Wrap Apron.

PN	Qty
600014	1

### ► Suspenders

Black, criss-crossed in back. Permanently attached to skirt, but adjustable in height.

PN	Qty
100114	1

For best fit, provide the height from wearer's belt line to the top of shoulder.



## For Elastic-Back Aprons

### ► Quick-Release Drop Shoulder

Provides adjustability and shoulder accessibility.

PN	Qty
600010	1 Drop Shoulder

Specify right or left. (For both, quantity 2).



### ► Back Shoulder Strap

For a more secure fit in the upper back area. Strap is 2" high.

PN	Qty
600011	1

# Fabric Colors and Binding

## ► XPF® Fabric Color Codes

Add suffix to garment part number.

Scan for photos:



### SOLIDS ►



**-PNK**  
Hot Pink

**-POP**  
Poppy Red

**-PUR**  
Purple

**-RED**  
Red

**-YEL**  
Yellow

**-TUR**  
Turquoise

### FUN PATTERNS ►



**-JUNC**  
Jungle Flowers

**-RAIC**  
Rainbow Hearts

**-SSKC**  
Scary Skulls

**-SKUC**  
Skulls (Pirate)

**-SPAC**  
Outer Space

**-TARC**  
Tartan

**-TIEC**  
Tie Dye

**-TROC**  
Tropical Floral

**-TULC**  
Tulips

**-USAC**  
USA Stars

### FOOD & ANIMAL PATTERNS ►



**-BEAC**  
Bears

**-CHLC**  
Chill

**-COOC**  
Cookies

**-DONC**  
Donuts

**-FSHC**  
Fish

**-FLAC**  
Flamingo

**-LEOC**  
Leopard

**-NEMC**  
Clownfish "Nemo"

**-PENC**  
Penguins

**-PINC**  
Pineapples

**-PIZC**  
Pizza

**-SHAC**  
Sharks

### ► Optional Color Binding

Select a unique color for the garment's edging

PN Qty  
600012 on 1 garment  
600013 on 1 cap

Binding colors are not an exact match to our fabrics.  
Not for thyroid collars except high neck style.



# Embroidery/ Monogramming

## ► Embroidery/Monogram

Personalize a garment with an embroidered name, nickname, initials, facility, department, etc.

PN	Description
600004	Directly on garment, 1 line
600005	Directly on garment, 2 lines
600002	Patch, 1 line
600003	Patch, 2 lines

See below for character limits

### Important:

- **ACCURACY:** Verify the correct spelling, including any spaces, punctuation, and capital letters.
- **FONT:** Select Block or Script.
- **STYLE:** Select Direct or Patch.
- **PATCHES:** Patch color matches garment color, except a patch on SKUC fabric will be solid black. Attachment is velcro-type hook/loop. (On request, patches can be permanently sewn to garment.)
- **LOCATION:** If not standard placement, specify location on garment.
- **MAXIMUM CHARACTER LIMITS:** Ensure the limit hasn't been exceeded:

On pocket: 24 characters max including spaces and punctuation (if more than 2 capital letters are used the max is 20 characters). **15 max for X-Bold/Chunky style.**

Above pocket: 28 characters max including spaces/punctuation. **25 for X-Bold/Chunky.**

- **THREAD:** Specify thread color if not standard.

White thread is standard, except black thread is standard on YEL fabric and red on SKUC fabric.

Thread colors do not exactly match fabric or binding edge colors.



Direct Embroidery with Block font



Direct Embroidery with Script font



Patch Embroidery with Block font



Patch Embroidery with Script font

Thread colors:



Direct Embroidery with X-Bold font



Patch Embroidery with X-Bold font

PN	Description
600025	Directly on garment, X-Bold/Lg, 1 line
600026	Directly on garment, X-Bold/Lg, 2 lines

600023	Patch, X-Bold/Lg, 1 line
600024	Patch, X-Bold/Lg, 2 lines

**NEW OPTION**

Extra Bold/  
Large  
Chunky  
lettering  
(see max  
characters  
allowed)



FOP  
Standard placement  
on the pocket.

FAP  
Alternate placement  
above the pocket.



FUL  
Standard placement  
front upper left.



ORE  
Standard placement  
over the right ear.

## ► Logo Embroidery

Personalize a garment by adding an embroidered logo. Choose an in-house design\* (shown at right) or provide your logo in a high resolution file (300 dpi) - PNG, JPG, vector, EPS files accepted.

PN	Qty
600009	Add 1 logo
600008	Digitizing fee

Specify location:  
on or above the  
pocket.



Digitizing Fee is a one-time charge to convert your logo into a sequence of embroidery machine instructions for sewing.

\*Available on Vests, Skirts, and Aprons. Designs look best on solid color fabrics.

Logo Alternative: Customer may provide a pre-purchased sew-on patch (not iron-on) for attachment to garment.



# Additional XPF® Items

## PROTECTIVE SHIELDS

Lead equivalency 0.5 mm Pb in front

Multi-sized and multi-use shields designed for placement over radio-sensitive organs and gonads for protection from harmful ionizing scatter radiation.

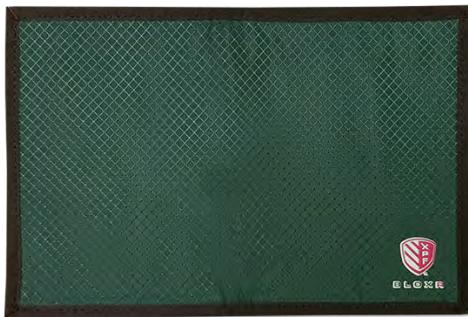
### Protective Panel Shields

PN*	Size	PN*	Size
100201	18" x 18" (46 x 46 cm)	100210	24" x 24" (61 x 61 cm)
100202	20" x 20" (51 x 51 cm)	100211	24" x 36" (61 x 91 cm)
100203	14" x 16" (36 x 41 cm)	100212	24" x 46" (61 x 117 cm)
100204	11" x 34" (28 x 86 cm)	100213	8" x 10" (20 x 25 cm)
100206	16" x 24" (41 x 61 cm)	100214	12" x 12" (31 x 31 cm)
100207	18" x 24" (46 x 61 cm)	100215	16" x 12" (41 x 31 cm)
100208	20" x 24" (51 x 61 cm)	100216	12" x 14" (31 x 36 cm)

Options (pg 11-13): ✓ Monogram/Embroidery  
✓ Colored Binding Edge ✓ Strap belt

See page 9 for Pregnancy Shield options.

Orientation is important: the BLOXR® logo on the Protective Shield should face the radiation source.



## MITTS

Closed Mitts have a sewn in slit to allow fingers to be freed if desired. Open Mitts enable easy movement of fingers. One size fits all.

PN	Style
100037	Open, pair
100048	Closed, pair



**B L O X R**

\*Colors/patterns are listed on pg 12.  
Add the color code suffix to PN.

## PATIENT PONCHO

Lead equivalency 0.5 mm Pb in front

Minimizes a patient's exposure while providing anatomical access for the clinician. Sleeveless design enables donning without moving the patient's arm. Has built in thyroid coverage and optional extenders. Helpful for orthopedic, interventional, podiatry, dentistry and trauma cases.



FRONT  
shown with extender



BACK

### Patient Poncho

### Extender Sets (optional)

PN*	Size	Size	PN*	Lengths
100231	#1 Small Child	For #1	100240	4", 6", 8"
100232	#2 Child	For #2	100241	4", 6", 8", 10"
100233	#3 Small Adult	For #3	100242	4", 6", 8", 10"
100234	#4 Adult	For #4	100243	4", 6", 8", 10"
100235	#5 Large Adult	For #5	100244	4", 6", 8", 10"

Options (pg 12-13):

- ✓ Embroidery
- ✓ Colored Binding Edge
- ✓ Edge



## GONAD SHIELDS

Lead equivalency 0.5 mm Pb

Wear around the waist for coverage of the reproductive organs. Set of three shields (S, M, L) with belt strap.



Approx. dims  
HxW  
S: 5.8" x 5.4"  
M: 7.5" x 7"  
L: 9" x 8.5"

### Gonad Shields (1 set)

PN	Qty.
100270	1 set of three

To don, slide belt strap through the loops on the back of the shield.



# Eye Protection & Storage Solutions

## RADIATION PROTECTION EYEWEAR

BLOXR Solutions offers a wide selection of radiation protection eyewear.

- Prescription and non-prescription.
- Lenses provide 0.75 mm lead equivalency. Side shields (when applicable) provide 0.5 mm.
- Lifetime warranty on defects in material and workmanship.
- Some models include anti-fog options.

Visit [bloxr.com/eyewear](http://bloxr.com/eyewear) for a current listing of all available style and color options.

Eyewear pictured at right:

PN	Description (color)
7MLMX-NAV	Microlite MIX (navy)
7NKBZRZ-BLK	Nike Brazen (black)
7MLFT-TOR	Microlite Fitover (tortoise)
7NKPRE6.0-BLK	Nike Premier (black)

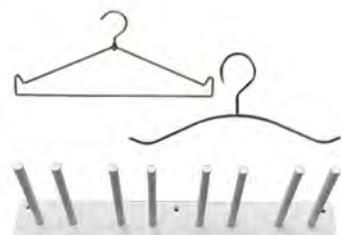


## STORAGE SOLUTIONS

Organize or transport your radiation protection apparel.

### Hangers

7XHANG	Standard, 20" W (51 cm)*
7XHANGBA	Brushed Aluminum, 24" W (61 cm)



### Peg Racks, Wall Mount

7XPEG02	2 pegs (for 1 garment)
7XPEG04	4 pegs (for 2 garments)
7XPEG08	8 pegs (for 4 garments)
7XPEG10	10 pegs (for 5 garments)
7XPEG14	14 pegs (for 7 garments)
7XPEG18	18 pegs (for 9 garments)



### Swing Racks, Wall Mount

7XSWNGR	Right*
7XSWNGL	Left*
7XSWNGF	Full set*



### Valet Rack

7XVRACK	Rack
7XVRACK10	Rack with 10 hangers



### Spider Rack

7XSPID	Eight arms, 24" (61 cm) base
--------	------------------------------



### Messenger Bag

Color: Black. Includes patch embroidery.
Dimensions: 17" W x 13.5" H x 6" D (43 cm x 34 cm x 15 cm)
Includes two external pockets, three internal pockets and slots for pens, cell phone, earbuds, etc.
PN 100881



### Drawstring Bag

Color: Black with choice of accent color. Includes direct embroidery.
Dimensions: 15" W x 17.5" H x 3.5" D (38 cm x 44 cm x 9 cm)
Includes two outer pockets and one inner pocket. Not recommended for use with our larger sized garments.
PN* 100882

\*Colors/patterns are listed on pg 12. Add the color code suffix to PN.

\*Order XPF Skirts with longer hanging loops when using this item for storage (see pg 11).

For help managing and organizing your radiation protection inventory, ask about our BLOXRTRAX™ cloud-based tracking system for radiation protection garments.

## Portable Mobile Shield Barrier

The portable XPF® Mobile Shield Barrier features durable, patented XPF technology. It provides 0.5 mm lead equivalent protection for the user when positioned behind the shield, with front facing the radiation source.

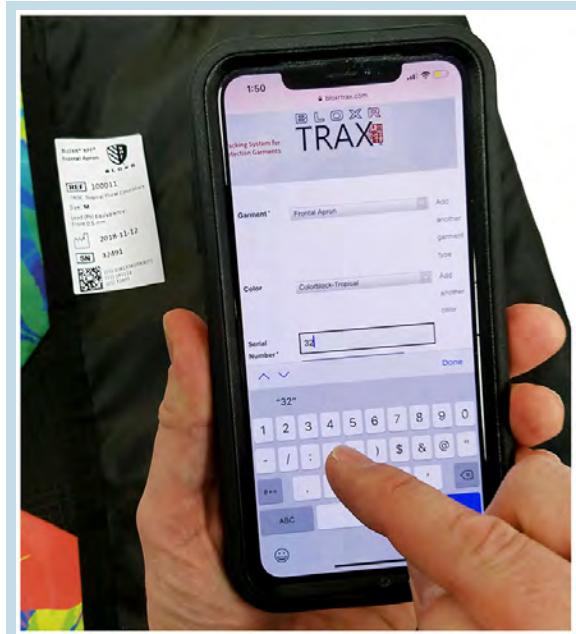
- Shield is 24" W x 36" H.
- Sturdy 5-caster base for stability.
- Front (blue) and back (black) sides are clearly marked.

### Portable Mobile Shield Barrier

PN            Qty  
7XPF2436    1



## Garment Tracking System



The BLOXRTRAX™ tracking system for radiation protection garments is specifically designed to help your facility:

- Manage and organize all of its radiation protection inventory.
- Maintain a garment's life cycle and inspection history.
- Be prepared for the next audit.

**BLOXR**  
**TRAX**  TM

The BLOXRTRAX system features a robust search function that allows multiple ways to manage and find your data easily. Cloud-based storage enables quick access from any web-enabled device. Data can be exported in spreadsheet format. Contact your local sales representative for details.



**BLOXR**

BLOXR Solutions, LLC, 2250 S. 1300 West, Suite C, Salt Lake City, UT 84119 USA  
801-590-9880 . Toll Free 855-256-9729 . Fax 877-254-4888  
[www.bloxr.com](http://www.bloxr.com) . Email: [order@bloxr.com](mailto:order@bloxr.com)



BLOXR Solutions is a certified minority, woman-owned small business.