



# Barrier Technologies®

Your Safety is Our Concern™



## Secure Touch®

Radiation Protection Gloves

7060 W. STATE ROAD 84, Suite 8, DAVIE, FL 33317

Tel: (800) 353-4350 ▪ Fax: (800) 353-4351

Tel: (954) 921-0330 ▪ Fax: (954) 921-0331

WWW.BARRIERTECHNOLOGIES.COM



# Secure Touch<sup>®</sup>

Radiation Protection Gloves

## XR1

- Lead Free
- Powder Free
- Textured Finger/Palm
- Maximum Tactile Sensitivity



TYPE	TYPICAL VALUE
Thickness at fingertips	.020mm
Lead Equivalence (mm Pb)	0.020
Tensile Strength (Mpa)	MIN 14

GLOVE SIZE	REORDER #
6 1/2	XR1 650
7	XR1 700
7 1/2	XR1 750
8	XR1 800
8 1/2	XR1 850
9	XR1 900

ATTENUATION RATES				
XR1	60 KVP	80 KVP	100 KVP	120 KVP
	46%	36%	30%	24%



# Secure Touch<sup>®</sup>

Radiation Protection Gloves

## XR2

- Lead Free
- Powder Free
- Textured Finger/Palm
- Maximum Attenuation



TYPE	TYPICAL VALUE
Thickness at fingertips	.035mm
Lead Equivalence (mm Pb)	0.040
Tensile Strength (Mpa)	MIN 14

GLOVE SIZE	REORDER #
6 1/2	XR2 650
7	XR2 700
7 1/2	XR2 750
8	XR2 800
8 1/2	XR2 850
9	XR2 900

ATTENUATION RATES				
XR2	60 KVP	80 KVP	100 KVP	120 KVP
	64%	54%	48%	42%



# Secure Touch<sup>®</sup>

Radiation Protection Gloves

# XRF



- Latex Free
- Lead Free
- Powder Free
- Textured Finger/Palm
- Excellent Tactile Sensitivity

TYPE	TYPICAL VALUE
Thickness at fingertips	.035mm
Lead Equivalence (mm Pb)	0.040
Tensile Strength (Mpa)	MIN 12

GLOVE SIZE	REORDER #
6 1/2	XRF 650
7	XRF 700
7 1/2	XRF 750
8	XRF 800
8 1/2	XRF 850
9	XRF 900

ATTENUATION RATES				
XRF	60 KVP	80 KVP	100 KVP	120 KVP
	64%	54%	48%	42%

# Radiation Protection Gloves Comparison

Brand	XR1	XR2	XRF	International Biomedical	F&L	Proguard
Manufacturer	Barrier Technologies USA	Barrier Technologies USA	Barrier Technologies USA	International Biomedical USA	F&L Medical USA	Emerson, Malaysia
Attenuation percentage at direct beam, tested according to EN 61331-1						
60 kVp	46	64	64	56	30	52
80 kVp	36	52	54	47	25	41
100 kVp	30	48	48	41	20	35
120 kVp	24	42	42	37	17	29
Product Characteristics						
Attenuating Agent	Mixture of Bismuth and other Lead-free elements	Mixture of Bismuth and other Lead-free elements	Mixture of Bismuth and other Lead-free elements	Bismuth Oxide	Tungsten	Lead Oxide
Lead Free	Yes	Yes	Yes	Yes	Yes	No
Bonding Agent	Natural Latex	Natural Latex	Synthetic Latex Free	Neoprene	Synthetic Latex	Natural Latex
Internal Coating	Hypo-allergenic Compound	Hypo-allergenic Compound	Hypo-allergenic Compound	None	None	Polyurethane
Color	Khaki	Khaki	Black	Black	Yellow	Black
Powder Free	Yes	Yes	Yes	Yes	No	Yes
Beaded Cuff	Yes	Yes	Yes	Not Beaded	Not Beaded	Not Beaded
Finger Shape	Curved	Curved	Curved	Curved	Curved	Straight
Textured Finger /Palm	Yes	Yes	Yes	No	No	No
Technical Parameters						
Finger Tip Thickness (mm)	0.20	0.35	0.35	0.30	0.25	0.32
Palm Thickness (mm)	0.20	0.35	0.35	0.30	0.25	0.30
Cuff Thickness (mm)	0.20	0.35	0.35	0.25	0.20	0.25
Lead Equivalence (mm Pb)	0.020	0.400	0.040	0.03	0.018	0.025
Tensile Strength (Mpa)	14	14	12	13	10	13



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**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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