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Your strategic partner in medical devices

Barrier Technologies®

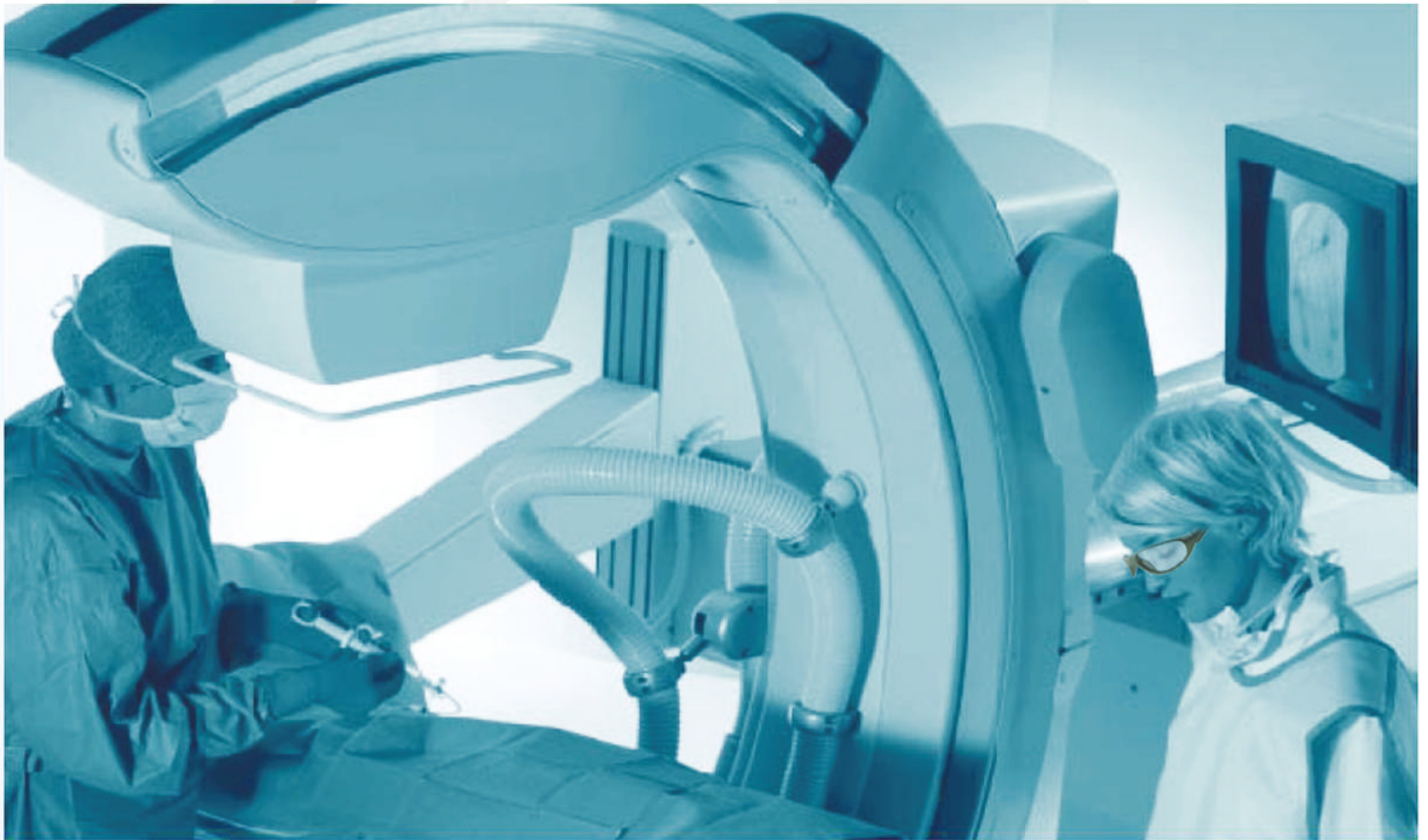
XR1



Secure Touch®

Radiation Protection Gloves

XR2



“Your Safety is Our Concern”™

Thinnest Radiation Protection Gloves Available

Maximum Tactile Sensitivity with High Attenuation

Barrier Technologies®



Secure Touch®
Radiation Protection Gloves



- High Tensile Strength
- Textured Finger/Palm
- Lead Free
- Powder Free

XR1

GLOVE SIZE	REORDER #
6½	XR1 650
7	XR1 700
7½	XR1 750
8	XR1 800
8½	XR1 850
9	XR1 900

TYPE	TYPICAL VALUE
Thickness at Fingertips	0.20 mm
Lead Equivalence (mm Pb)	0.020
Tensile Strength (MPa)	Min 14

ATTENUATION RATES

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

Your Safety is Our Concern

Maximum Attenuation

Barrier Technologies®



Secure Touch®
Radiation Protection Gloves

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



XR2

GLOVE SIZE	REORDER #
6½	XR2 650
7	XR2 700
7½	XR2 750
8	XR2 800
8½	XR2 850
9	XR2 900

TYPE	TYPICAL VALUE
Thickness at Fingertips	0.35 mm
Lead Equivalence (mm Pb)	0.040
Tensile Strength (MPa)	Min 14

ATTENUATION RATES

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

Radiation Protection Gloves Comparison

Brand	XR1	XR2	Radiaxon	International Biomedical	F&L	Proguard
Manufacturer	Barrier Technologies USA	Barrier Technologies USA	WRP, Malaysia	International Biomedical, USA	F&L Medical, USA	Emerson, Malaysia
Attenuation percentage at direct beam, tested according to EN 61331-1:2014						
60 kVp	46	64	58	56	30	52
80 kVp	36	54	48	47	25	41
100 kVp	30	48	42	41	20	35
120 kVp	24	42	34	37	17	29
Product Characteristics						
Attenuating agent	Mixture of bismuth & other lead-free elements	Mixture of bismuth & other lead-free elements	Bismuth Oxide	Tungsten	Bismuth Oxide	Lead Oxide
Lead free	Yes	Yes	Yes	Yes	Yes	No
Bonding agent	Natural Latex	Natural Latex	Natural Latex	Neoprene	Synthetic Latex	Natural Latex
Internal coating	Hypo-allergenic compound	Hypo-allergenic compound	None	None	None	Polyurethane
Color	Khaki	Khaki	Khaki	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	0.38	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	0.30	0.25	0.20	0.25
Lead equivalence (mm Pb)	0.020	0.040	0.035	0.030	0.018	0.025
Tensile Strength (MPa)	14	14	14	13	10	13