

2025

# PROTECH

MEDICAL

## Radiation Attenuation Gloves Catalog

Products Made in the USA since 1994



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A study by the National Center for Biotechnology Information concluded that: **A healthcare worker could receive more than *twice* the annual limit of radiation exposure simply by holding the head of a trauma patient four times per week with unshielded hands during cervical spine radiography.**

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# GLOVES

## Highly tactile Radiation Attenuation Gloves

The Proguard family of products comprises the most technically advanced gloves with a 30 year proven record in quality and comfort. Our comprehensive range of gloves has carefully expanded to meet the growing needs of healthcare professionals.

The Proguard glove brand focuses on uniquely balancing tactile sensitivity, protection, and comfort in a way no others can. With a commitment to performance and safety, there is no room for compromise. In addition to our fluoroscopic procedure gloves, we have multiple patient positioning and veterinary glove styles available in various protection options and colors.



# PROGUARD RR



MODEL: [ RR1 | RR2 | RR3 ]

Used during procedures requiring high tactile sensitivity, the Proguard RR radiation attenuation gloves are the industry leaders for protection against x-ray. Designed and produced in a modern manufacturing facility, our premium quality gloves are powder free, latex free, and sterile. The Proguard RR gloves blend premium comfort and optimal protection at an affordable cost.

COMPOSITION	STERILIZED	LATEX	POWDER	FDA	CE
Lead Oxide Dry Natural Rubber	Ethylene Oxide	No	No	PPE	Yes

Models	60 kVp	90 kVp	120 kVp	Area Density	Thickness
RR1	45%	33%	26%	0.45 kg/m <sup>2</sup>	0.24mm ± 0.02mm
RR2	52%	40%	32%	0.63 kg/m <sup>2</sup>	0.28mm ± 0.02mm
RR3	60%	47%	39%	0.63+ kg/m <sup>2</sup>	0.38mm ± 0.02mm

**Certified to ASTM 2547 and IEC 61331-1:2014 Standards**

## SIZING INFORMATION

• 6 - RR160	RR260	RR360	• 8 - RR180	RR280	RR380
• 6.5 - RR165	RR265	RR365	• 8.5 - RR185	RR285	RR385
• 7 - RR170	RR270	RR370	• 9 - RR190	RR290	RR390
• 7.5 - RR175	RR275	RR375	• 9.5 - RR195	RR295	RR395



Latex Free/  
Hypoallergenic



Premium  
Lead



High Tactile  
Sensitivity



Slip Coat  
Technology



Single Use  
Only



# PROGUARD RR SLEEVE

MODEL: [ RR-SLV ]

COMPOSITION	STERILIZED	LATEX	POWDER	FDA	CE
Lead Oxide Dry Natural Rubber	Ethylene Oxide	No	No	PPE	No

Models	60 kVp	90 kVp	120 kVp	Area Density	Thickness
RR-SLV	52%	40%	32%	0.63 kg/m <sup>2</sup>	0.28mm ± 0.02mm

The Proguard RR radiation reducing sleeve is latex free, powder free and sterile. Composed of lead oxide, these sleeves offer complete arm protection when used in conjunction with radiation attenuating gloves (pictured with the Proguard RR below). For best use, tuck the RR sleeve into your radiation safety gloves. Sold by the pair and available in 3 sizes.

**Certified to ASTM 2547 and IEC 61331-1:2014 Standards**

## SIZING INFORMATION

- **Small (RR-SLV-SM)**      Approx. dimensions: 15.5" L x 7" W [3.75" at base; 5" at top]
- **Medium (RR-SLV-MD)**      Approx. dimensions: 15.5" L x 7.5" W [4" at base; 5" at top]
- **Large (RR-SLV-LG)**      Approx. dimensions: 15.5" L x 8" W [4.75" at base; 5.5" at top]



**Latex Free/  
Hypoallergenic**



**Premium  
Lead**



**Single Use  
Only**



# PROGUARD ELITE



MODEL: [ E1 | E2 ]

The Proguard Elite is composed of a lead-free bismuth formula blended with premium polyisoprene and a proprietary polymer matrix free of harmful chemicals (MBT and DPG). The Proguard Elite gloves are intended to reduce the amount of scattered radiation exposure to the hands during fluoroscopic procedures. Proguard gloves are powder-free Personal Protective Equipment and are sterile unless opened or damaged.

COMPOSITION	STERILIZED	LATEX	POWDER	FDA	CE
Bismuth (Lead Free) Polyisoprene	Ethylene Oxide	No	No	PPE	Yes

Models	60 kVp	90 kVp	120 kVp	Thickness
E1	45%	33%	26%	0.24mm ± 0.03mm
E2	52%	40%	32%	0.28mm ± 0.03mm

**Certified to ASTM 2547 and IEC 61331-1:2014 Standards**

## SIZING INFORMATION

• 6 - E160	E260	• 8 - E180	E280
• 6.5 - E165	E265	• 8.5 - E185	E285
• 7 - E170	E270	• 9 - E190	E290
• 7.5 - E175	E275	• 9.5 - E195	E295



**Latex Free/  
Hypoallergenic**



**Lead  
Free**



**High Tactile  
Sensitivity**



**Slip Coat  
Technology**



**Single Use  
Only**



# PROGUARD PLUS

MODEL: [ PG1 ]

COMPOSITION	STERILIZED	LATEX	POWDER	FDA	CE
Lead Oxide Polyisoprene	Ethylene Oxide	No	No	PPE	Yes

The Proguard Plus achieves surgical grade performance by combining the quality and characteristics of the original Protech Proguard glove with premium, latex-free polyisoprene. Rich textures, versatile grip, and maximum protection provide unrivaled tactile sensitivity and security.

Models	60 kVp	80 kVp	100 kVp	120 kVp	Thickness
PG1	46%	37%	30%	24%	0.24mm ± 0.03mm

**Certified to ASTM 2547 and IEC 61331-1:2014 Standards**

## SIZING INFORMATION

• 6 - PG160	PG260	• 8 - PG180	PG280
• 6.5 - PG165	PG265	• 8.5 - PG185	PG285
• 7 - PG170	PG270	• 9 - PG190	PG290
• 7.5 - PG175	PG275	• 9.5 - PG195	PG295



Latex Free/  
Hypoallergenic



Premium  
Lead



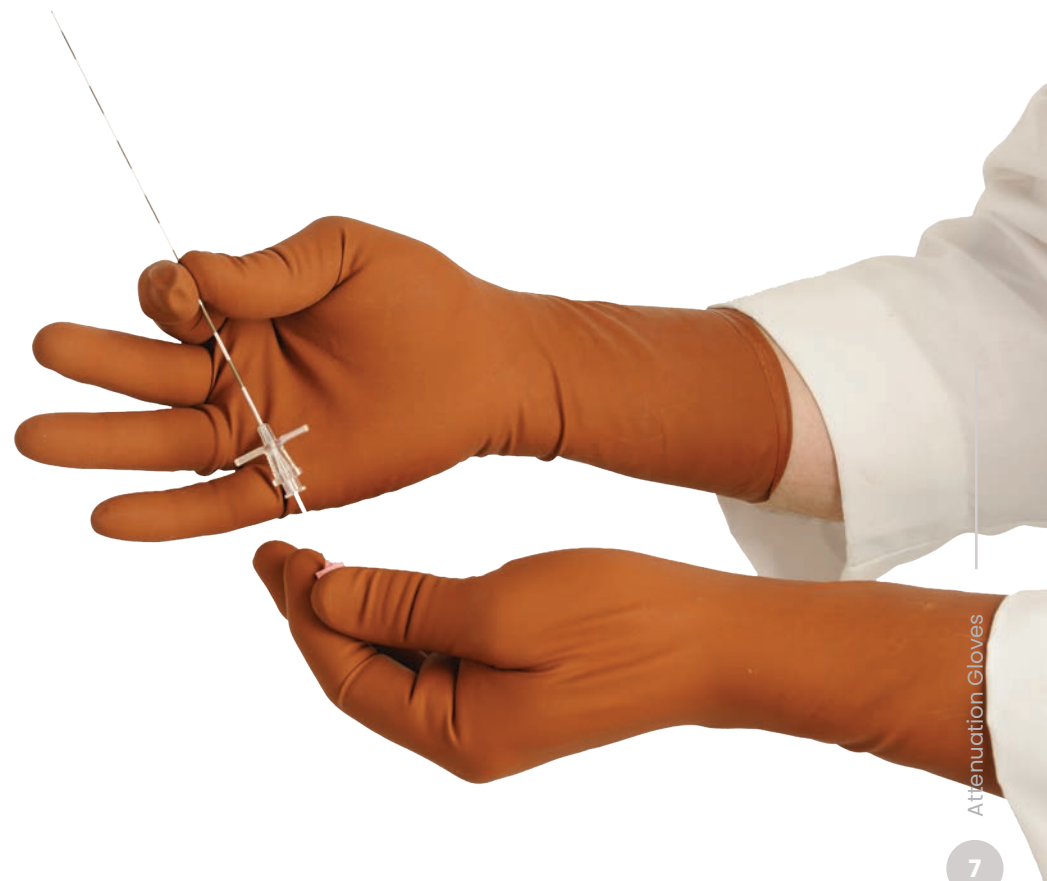
High Tactile  
Sensitivity



Slip Coat  
Technology



Single Use  
Only



# ANGIOGRAPHIC LEAD GLOVE



MODEL	AP-ANGIO
CORE MATERIALS	Lead
THICKNESS OPTIONS	0.50mm LE (standard) or 0.25mm LE
OUTER MATERIAL	Black Leatherette
SIZING	One size fits all
DIMENSIONS	14.5" L x 6.5" W (base) 5"W (hand)
WEIGHT	2.1 lbs each glove
CUSTOMIZATIONS	None
FEATURES	Sold as a pair
CE	Yes

The Angiographic Lead Glove is mainly used in patient positioning but is also ideal for procedures involving high radiation exposure. The glove is soft, flexible, and can easily be wiped clean.



# ANGIO MITT



MODEL	AP-ANGIOMIT
CORE MATERIALS	All Core Types (see page 30)
THICKNESS	0.50 (standard), 0.35, 0.25mm LE
SIZING	One size fits all
CUSTOMIZATIONS	Embroidery and Logo
FEATURES	Can be used for left or right hand
COLORS	See fabric colors on pages 33-41
CE	Yes

Our Angio Mitt is part of a wide selection of radiation shielding accessories. The angio mitt is a flexible mitt used to shield the hand, thus reducing exposure under direct x-ray. This mitt can be used on either the right or left hand and is mainly used in positioning.





## SLITT MITT



<b>MODEL</b>	AP-SLITMIT-L/R
<b>CORE MATERIALS</b>	All Core Types (see page 30)
<b>THICKNESS</b>	0.50 (standard), 0.35, 0.25mm LE
<b>SIZING</b>	One size fits all
<b>CUSTOMIZATIONS</b>	Embroidery and Logo
<b>FEATURES</b>	Must specify left or right hand
<b>COLORS</b>	See fabric colors on pages 33-41
<b>CE</b>	Yes

Our slit mitt is part of a wide selection of radiation shielding accessories. This flexible glove has a lead protective sheet for the top part of your hand and a slit on the bottom to allow for gripping.





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