



MEDICAL RADIATION PROTECTION

Medical X-Ray Curtains | Mobile Radiation Barriers |
Leaded Glass | Custom Radiation Shielding Solutions

XRAYCURTAINS.COM

WIDE SELECTION OF RADIATION SHIELDING
STOCK PRODUCTS AVAILABLE FOR QUICK FULFILLMENT

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Intech Partners, LLC.
27646 Commerce Oaks Drive
Conroe, TX 77385

YOUR TRUSTED SOURCE FOR RADIATION SHIELDING SINCE 2003



ABOUT US

Since 2004, Intech has provided radiation shielding materials for x-ray systems, medical imaging centers, nuclear medicine, airport security and industrial operations. Our medical radiation shielding includes mobile barriers, screens, xray curtains, procedural shields, lead construction materials and a wide variety of custom products. We offer certified lead-free shielding products which are listed as FDA Class I medical devices. Our XrayCurtains.com webstore provides an interface for our customers to easily find and purchase radiation protection products. Intech manufacturing and distribution facilities are located in Houston, Texas.



Durable Products

All of our products are designed with durability in mind and are built to withstand everyday use and typical healthcare sanitation methods.



Quick Shipping

We understand the importance of needing products quickly. We stock our most popular products, which can be ready to ship within 24 hours.



Service Excellence

We are committed to providing our customers with excellent service. We respond to inquiries and service requests in a timely manner.

MEDICAL RADIATION PROTECTION LEAD CURTAINS

Standard Colors

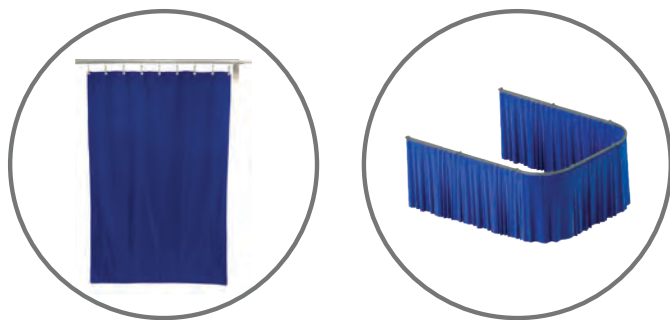
We stock the most popular varieties for quick shipment. Radiation protection levels of 0.25 mm & 0.5 mm Pb in sizes of 4 ft x 4 ft and 4 ft x 7 ft. Royal Blue and Light Grey are the most popular colors.

Custom Colors

We manufacture curtains in any size and a range of 18 colors. Protection levels of 0.25 mm, 0.5 mm, 0.75 mm, and 1.0 mm Pb. Curtains can be manufactured in any length. Curtains wider than 4 ft (1.2 m) will be manufactured in multiple panels with overlapping flaps secured by heavy duty Velcro strips. Custom curtain orders typically ship in 2-3 weeks.

Tracks & Mounting Hardware

Our standard hardware kit includes 6 ft of straight track for a 4 ft wide curtain, two end stops, mounting brackets, and wheeled carriers for each grommet. Custom tracks are also available for designs requiring curved sections for room partitioning or loop designs for perimeter shielding.



STANDARD COLORS



CUSTOM COLORS



TECHNICAL DATA

| Composition | Radiation Protective Polymer Matrix Inner Core, Nylon Outer | | | |
|----------------------------------|---|----------------------------|----------------------------|-----------------------------|
| Color | 18 Colors Available | | | |
| Model Number | XRC683-NYL250 | XRC683-NYL500 | XRC683-NYL750 | XRC683-NYL001 |
| Protection Level (Pb eq.) | 0.25 mm | 0.5 mm | 0.75 mm | 1.0 mm |
| Thickness | 1.0 mm | 2.0 mm | 3.0 mm | 4.0 mm |
| Weight | 0.6 lbs/sqft (3 kg/sqm) | 1.2 lbs/sqft (6 kg/sqm) | 1.8 lbs/sqft (9 kg/sqm) | 2.4 lbs/sqft (12 kg/sqm) |
| Weight 4 ft x 4 ft (1.2 x 1.2 m) | 10 lbs (4.3 kg) | 19 lbs (8.6 kg) | 29 lbs (13 kg) | 38 lbs (17 kg) |
| Weight 4 ft x 7 ft (1.2 x 2.1 m) | 17 lbs (7.5 kg) | 33 lbs (15 kg) | 50 lbs (23 kg) | 66 lbs (30 kg) |

Flexible Protective Patient Drapes

For patient protection, our flexible nylon curtains can also be used as radiation protective patient drapes. The drapes come without grommets, and are easy to clean with standard medical peroxide-based cleaners.

Table & Saddle Shields

Our table and saddle shields prevent scatter from your C-Arm fluoroscopy table using the same durable materials as our protective curtains and drapes. Table shields are designed to clip on to tables with existing side rails. For tables without rails, saddle shields drape over the table using a reinforced non-lead center panel, suspending shielding panels over each side. Both shields allow for uninhibited C-Arm rotation.

Custom Room Design

Radiation shielding layout recommendations are available for many types of medical applications, and custom shielding plans are available on request to fulfill safety requirements.



MOBILE BARRIERS

Leaded Glass Radiation Protective Viewing Window

The leaded glass has a 2.0 mm lead equivalence, providing ample protection for any application where personnel need to protect themselves from the harmful effects of scatter radiation. Leaded Acrylic Windows are also available at 0.5 mm lead equivalence.

High Strength Steel Frame

The powder coated steel frame is precision TIG welded for years of trouble-free service. The body panel encases a sheet of 1/16" (1.6 mm) lead for radiation shielding.

Premium Casters for Long Service Life

Each barrier is supported by four swivel casters, two of which are locking casters. Our casters have sealed bearings for quiet and smooth operation.

Extremely Durable

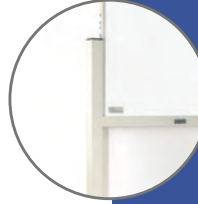
The body panel is covered in high density plastic for durability and easy cleaning in a medical facility. This specialty plastic is dent-resistant and will not fade, discolor, or become brittle.

WIDE RANGE OF BARRIER SIZES & STYLES

Our barriers are available in a wide range of sizes and styles. The most common size of Premium Hospital Barrier is 34"W x 73"H with a 30" x 24" Window. These are available in heights from 46" to 82" and Widths up to 77". Many window sizes are available as well. The economy barriers are available in 1/16" and 1/8" lead equivalents in mobile, wall-mounted or freestanding configurations. Common widths for the economy barriers are 24", 30", 36" and 45" and standard heights are 72" and 84".



Quiet Casters with Sealed Bearings



Powder Coated Welded Steel Frame



Durable Nylon Floor Curtain



Available Colors



STANDARD



TILTED



LARGE WINDOW



EXTRA TALL

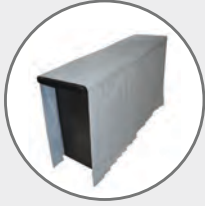


EXTRA WIDE



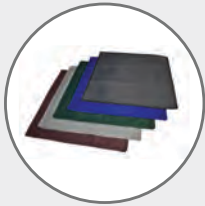
ECONOMY

SPECIALTY & CUSTOM PRODUCTS



Xray Table Saddle Shields

Our 0.5mm lead equivalence Xray table shields block scattered radiation while allowing for unobstructed operation of your C-Arm fluoroscope. The table surface material contains a reinforced radiotransparent fabric liner, while the overlapping saddle-bag shielding flaps use 0.5mm lead shielding for protecting both sides of your Xray table. Many sizes and colors are available. Please contact us to order custom sizes.



Brachytherapy Shielding Lap Blanket

Our Brachytherapy Shielding Lap Blanket is designed to significantly reduce the external radiation resulting from implanted seed radiotherapy. It is an excellent way to protect your pets and loved ones from unnecessary radiation exposure. The 0.25 mm LeadEquivalence shielding is lightweight and flexible, conforming to your body. Available in a variety of colors in a standard size of 2 ft W x 2 ft L. Custom sizes are available upon request.



Adhesive Wall Panels for Shielding Radiation

Our Fortress lead-free shielding is a flexible tungsten composite which provides broad spectrum radiation shielding similar to lead. We laminate this to a fire-resistant plastic sheet and add a pressure sensitive adhesive backing. This product provides a simple and safe way to add shielding to a wall without needing a contractor to do construction. The products are best suited for industrial, medical and general NDT applications.



Adjustable Mobile Xray Curtain

These lead curtains offer a unique new design for operating physicians that allows unparalleled protection for close-to-table studies. Sturdy, yet thoughtfully engineered with a small footprint so it can easily be positioned exactly where you want it for maximum scatter radiation protection.



Custom Products

In addition to our standard product offering, we can custom engineer many products to fit your application such as custom C-Arm covers and more. If you have a need that you do not see listed in this brochure, please reach out to us.



Lead Free Composites and Alloys

Specialty products include heavy metal alloys and composites made from Bismuth and Tungsten. Alloys can be machined for use as fixtures, apertures or other equipment components. Composites can be formed in almost any shape to meet protective shielding needs.

PEARLTEX LEAD-FREE MEDICAL RADIATION SHIELDING

The PEARLTEX line of radiation shielding is the natural choice for radiation protection in healthcare settings where a clean and crisp color is preferred and it allows for stains to be easily noticed and cleaned. Available in wall- or ceiling-mounted curtains, blankets and mobile barriers, these materials are safe, effective, durable, and stain-resistant.

Radiation Protection

PEARLTEX is certified to minimum protection level of 0.50 mm lead equivalence from 50 kV - 150 kV, tested per IEC EN 61331-1 in compliance to IEC EN 61331-3.

Color

The off-white 'Pearl' color is the preferred color of choice for healthcare settings. This allows stains to be easily noticed and cleaned.

Stain Resistance

Fluids, oils, grease and other contaminants are easily wiped off with detergent, water, and common healthcare cleansers. Curtains can be easily cleaned-in place with standard healthcare chemicals without fear of staining or degrading curtains.

Durability

Incredibly strong, withstanding severe wear and abuse. Extra strength and tear resistance means extended curtain life. Surface is UV & ozone resistant, maintaining integrity over time and standing up to repetitive UV-C disinfection cycles in healthcare settings.

Disinfection

Incredibly strong, withstanding severe wear and abuse. Extra strength and tear resistance means extended curtain life. Surface is UV & ozone resistant, maintaining integrity over time and standing up to repetitive UV-C disinfection cycles in healthcare settings.

Lead-Free

Certified lead-free & compliant with EU Directive 2011/65/EU for Restrictions of Hazardous Substances (RoHS) which limits the maximum concentration of lead, hexavalent chromium, cadmium, mercury, polybrominated biphenyls and polybrominated diphenylethers.



*0.5 mm Pb Radiation Protection
Lead-Free*

STANDARD CONFIGURATIONS



Protective Blankets

- Can be wall or ceiling mounted
- Mounting hardware available
- Sizes to meet all application
- FDA Class 1 Medical Device



Mobile Curtains

- Great for close-to-table studies
- Compact but sturdy
- Easy height adjustment
- Durable casters for easy maneuverability



Hanging Curtains

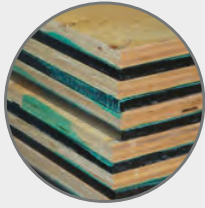
- Great alternative to lead vinyl
- Standard sizes in stock
- Custom sizes available



Saddle Shields

- Two grommets at top of each strip for easy fastening
- Other fastening mechanisms available, including snaps

CONSTRUCTION MATERIALS



Lead Lined Plywood

Our lead-lined plywood is manufactured in 4' x 8' sheets. These panels can be customized according to your specifications and reduced in size to facilitate installation. Our range of lead lined plywood meets or exceeds government specifications regardless of the size and configuration that you order.



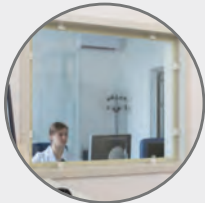
Lead Lined Drywall

Lead-lined drywall is manufactured in 48" widths, with an option to have an additional 1" lip on the edge for overlap. We offer lead drywall in lengths of 8', 9', 10' and 12'. These panels can be customized according to your specifications and reduced in size to facilitate installation.



Lead Doors & Frames

Our specially designed lead-lined wood doors are manufactured to provide the level of radiation protection needed for each specific project. The doors are constructed with the lead under each face and can be manufactured with lead thicknesses from 1/32" to 1/4". Nominal door thickness is 1-3/4" for lead thicknesses up to 1/8".



Lead Glass & Windows

High lead/barium content glass provides a high quality, transparent, protective radiation shield. Standard lead equivalency is 2.0 mm (over 1/16") with a thickness of 8.0 mm (5/16") Higher equivalencies are available. Lead-lined window frames are also available.



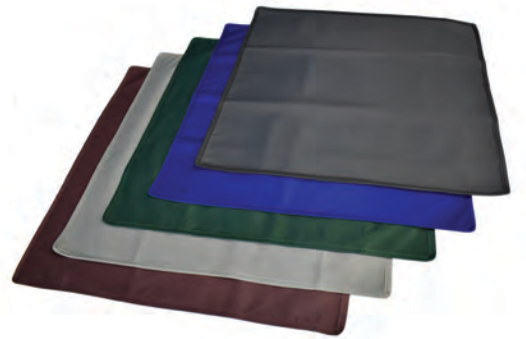
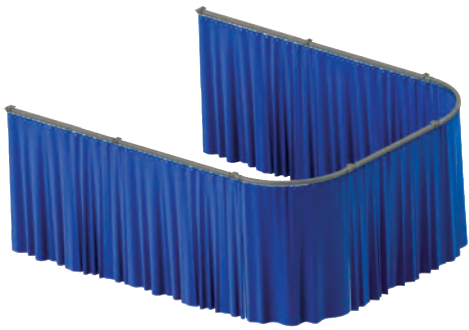
Lead Sheet & Plate

Lead sheet and plate is a preferred solution for radiation shielding in many applications, including X-ray shielding, tank lining, acoustic shielding and nuclear shielding. We can supply lead sheet or plate in almost any thickness and size. Normally Sheet (1/64"-1/8") is supplied in rolls and Plate (1/4" or greater is shipped flat).



Lead Bricks

Lead bricks can be used to construct protective walls or to build lead caves, which are perfect for the containment of radiation. We offer both flat and interlocking lead bricks in a variety of sizes. Bricks can also be painted or powder coated for installer protection.



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