

MarShield™

Custom Radiation Protection, Shielding & Storage Solutions

35
Years

Of Excellence

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Scan with your mobile/smart
phone barcode reader.

RADIATION BARRIERS



MarShield manufactures **standard** and **custom-designed** radiation shielding barrier as portable or stationary units. These full body shielding barriers are designed to shield medical personnel from harmful secondary radiation in examination rooms, operating rooms, intensive or cardiac care units, and nuclear medicine suites, as well as industrial applications, including welding, uranium production and nuclear. They are excellent for imaging procedures using ionizing radiation such as fluoroscopy, x-ray, CT and mammography.

MarShield Radiation Shielding Barriers incorporate clear viewing *safety lead glass panels in the top with a solid opaque panel in the bottom, both of varying sizes. The optically clear *safety lead glass panel is durable and shatter resistant while offering a wide field of view. The solid panel is constructed of a single unpierced sheet of pure lead 99.9% of desired thickness laminated between two steel panels or optional ABS Plastic (washable). All models can be made with one full length solid opaque panel or a full length *safety lead glass view panel.

**Safety Lead glass meets requirements of ANSI Z97.1-1984 & 16 CFR 1201 Cat. II. Safety lead glass consists of lead glass, inter-layer and float glass in a laminated sandwich.*

RADIATION BARRIERS

KEY FEATURES AND BENEFITS:

- Laminated safety lead glass panels are durable and shatter-resistant, or optional lead acrylic, both offering a wide field of view with full-protection.
- All shields and barriers are balanced for stability with heavy duty outrigger-type legs.
- Mobile units are supplied with smooth rolling, heavy duty swivel casters, easily locked into position when required.
- All rolling models are equipped with removable casters that allow the end user to easily modify them to stationary barriers so they can be fastened directly to the floor.- Requires only a slight modification.
- Professional engineering and custom on-site design services available. We can work with you to design a custom solution in a virtual CAD environment.
- Reduce exposure from harmful radiation
- Maintain a healthful and safe work environment
- Custom designed and manufactured to your exact specifications.
- Easy to relocate and store when not in use
- No assembly required.
- Full CAD approval drawings provided for each order

STANDARD MODELS

- All standard barriers are 75" high, 1.6mm lead equivalency, portable on castors.
- Frame and Bottom Opaque Panel Color: Beige/tan (Powder coat finish)
- View Panel is Safety Lead Glass (Laminated glass with interlayer. This Safety lead glass is shatter resistant glass that meets requirements of ANSI Z97.1-1984 & 16 CFR 1201 Cat. II)
- Barriers are mounted to Four Heavy Duty Swivel Locking Casters.
- **Warranty:** 1-Year standard warranty

MSS30-2448-1.6-SP



Width	30"
Window Height	24"
Bottom Panel Height	48"
Style	Standard

MSS30-3636-1.6-SP



Width	30"
Window Height	36"
Bottom Panel Height	36"
Style	Standard

MSS30-6012-1.6-FVP



Width	30"
Window Height	60"
Bottom Panel Height	12"
Style	Full View

MSS30-0072-1.6-FOP



Width	30"
Window Height	No Window
Bottom Panel Height	72"
Style	Full Opaque

!NOTE

Custom sizes, lead equivalencies, paint finishes or colors and lead acrylic view panels are available on request.

RADIATION BARRIERS

MSS36-2448-1.6-SP



Width	36"
Window Height	24"
Bottom Panel Height	48"
Style	Standard

MSS36-3636-1.6-SP



Width	36"
Window Height	36"
Bottom Panel Height	36"
Style	Standard

MSS36-6012-1.6-FVP



Width	36"
Window Height	60"
Bottom Panel Height	12"
Style	Full View

MSS36-0072-1.6-FOP



Width	36"
Window Height	No Window
Bottom Panel Height	72"
Style	Full Opaque

MSS48-2448-1.6-SP



Width	48"
Window Height	24"
Bottom Panel Height	48"
Style	Standard

MSS48-3636-1.6-SP



Width	48"
Window Height	36"
Bottom Panel Height	36"
Style	Standard

MSS48-6012-1.6-FVP



Width	48"
Window Height	60"
Bottom Panel Height	12"
Style	Full View

MSS48-0072-1.6-FVP



Width	48"
Window Height	No Window
Bottom Panel Height	72"
Style	Full Opaque

RADIATION BARRIERS

STANDARD MODELS CONTINUED

MSS72-2448-1.6-SP



Width	72"
Window Height	24"
Bottom Panel Height	48"
Style	Standard

MSS72-3636-1.6-SP



Width	72"
Window Height	36"
Bottom Panel Height	36"
Style	Standard

MSS72-4824-1.6-SP



Width	72"
Window Height	48"
Bottom Panel Height	24"
Style	Full View

MSS72-0072-1.6-FOP



Width	72"
Window Height	No Window
Bottom Panel Height	72"
Style	Full Opaque

OPTIONS:

- Custom Widths & Heights available
- Alternative Lead equivalency to meet your requirements for up to ½ inch of raw lead (Solid opaque panels only).
- Special Colors or finish – Wide selection of finishes is available to suit your environment, application or architectural specs – we offer a wide-variety of colors to match any décor.
- Optional colors are subject to longer delivery times.
- Stainless Steel Construction
- Small View Window Lites
- Lead Acrylic View Window
- Anti-microbial finishes available, including light-weight, durable anti-microbial ABS plastic facings and anti-microbial paint. Many bio-hazardous contaminants can be washed off of anti-microbial surface within 48 hours with mild soap and water. For example: blood, urine, barium and iodine.
- Push Handles
- Floor Locks
- Non Marking Casters
- Export Crating
- Base Skirts
- Units can be designed to easily combine, stack or nest to increase lead equivalency or create a temporary lead-lined room.