

When protection & safety must be **Absolutely Assured**



LEAD ACRYLIC

Versatile, Transparent, Shatter-Resistant Plastic

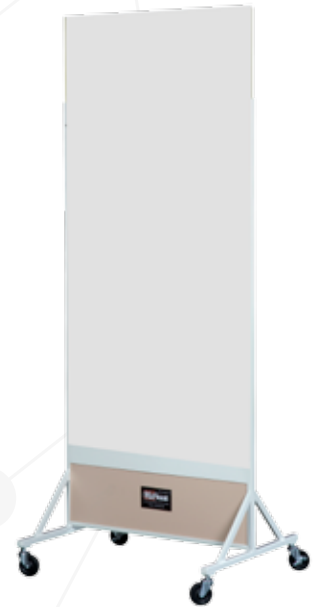
MarShield's leaded acrylic is the shatter-resistant, versatile answer to all x-ray shielding needs. Our lead acrylic is not lead glass, but a unique, versatile, transparent plastic that contains 30% lead by weight. Shatter-resistant and rugged, it combines superb light transmission with effective radiation protection in a variety of applications, including x-ray rooms and control booths, dental clinics, veterinary clinics, laboratories, medical diagnostics screens, eye protection lenses, airport security and materials testing applications.

KEY FEATURES

- Available in six different lead equivalencies and thicknesses
- Made from an acrylic polymer resin into which lead is chemically introduced as an organ-lead salt compound
- Can be cut, drilled or machined using standard plastic-handling techniques
- Provides complete radiation protection with unmatched design flexibility
- Ideal for any radiation shielding application

BENEFITS

- Create "open feel" environment for personnel/patients while still providing reduced exposure to harmful radiation
- High light transmission helps create a happier and healthier work environment
- Rugged, durable and shatter-resistant alternative to lead glass





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MARSHIELD™ LEAD ACRYLIC X-RAY SHIELDING AVAILABILITY

| LEAD EQUIVALENCY THICKNESS | 0.3 mm | 0.5 mm | 0.8 mm | 1.0 mm | 1.5 mm | 2.0 mm |
|----------------------------|---------------------------------|--------------|---------------|-------------|-------------|-------------|
| PANEL SIZE (INCHES) | ORDER CODE (STOCK SIZES IN RED) | | | | | |
| 10" x 12" | | | | | MS-10-12-35 | |
| 12" x 12" | | MS-12-12-12 | MS-12-12-18 | MS-12-12-22 | MS-12-12-35 | MS-12-12-46 |
| 12" x 16" | | | | | MS-12-16-35 | |
| 12" x 18" | | | | | MS-12-18-35 | |
| 12" x 24" | | MS-12-24-12 | MS-12-24-18 | MS-12-24-22 | MS-12-24-35 | MS-12-24-46 |
| 12" x 36" | | | | | MS-12-36-35 | |
| 16" x 24" | | | | | MS-16-24-35 | |
| 18" x 18" | | | | | MS-18-18-35 | |
| 18" x 24" | | MS-18-24-12 | MS-18-24-28 | MS-18-24-22 | MS-18-24-35 | |
| 18" x 36" | | | | | MS-18-36-35 | |
| 18" x 48" | | MS-18-48-12 | MS-18-48-18 | MS-18-48-22 | MS-18-48-35 | |
| 24" x 24" | MS-24-24-8 | MS-24-24-12 | MS-24-24-18 | MS-24-24-22 | MS-24-24-35 | MS-24-24-46 |
| 24" x 30" | | MS-24-30-12* | MS-24-30-18 | MS-24-30-22 | MS-24-30-35 | |
| 24" x 36" | | MS-24-36-12 | MS-24-36-18 | MS-24-36-22 | MS-24-36-35 | |
| 24" x 48" | MS-24-48-8 | MS-24-48-12 | MS-24-48-18** | MS-24-48-22 | MS-24-48-35 | MS-24-48-46 |
| 30" x 36" | | | | | MS-30-36-35 | |
| 32" x 40" | | MS-32-40-12 | MS-32-40-18 | MS-32-40-22 | MS-32-40-35 | |
| 36" x 36" | | | | | MS-36-36-35 | |
| 36" x 48" | MS-36-48-8 | MS-36-48-12 | MS-36-48-18 | MS-36-48-22 | MS-36-48-35 | MS-36-48-46 |
| 36" x 60" | | MS-36-60-12 | MS-36-60-18 | MS-36-60-22 | MS-36-60-35 | |
| 36" x 72" | | MS-36-72-12 | MS-36-72-18 | MS-36-72-22 | MS-36-72-35 | |
| 36" x 84" | MS-36-84-8 | MS-36-84-12 | MS-36-84-18 | MS-36-84-22 | MS-36-84-35 | MS-36-84-46 |
| 48" x 48" | | MS-48-48-12 | MS-48-48-18 | MS-48-48-22 | MS-48-48-35 | MS-48-48-46 |
| 48" x 60" | | MS-48-60-12 | MS-48-60-18 | MS-48-60-22 | MS-48-60-35 | |
| 48" x 72" | MS-48-72-8 | MS-48-72-12 | MS-48-72-18 | MS-48-72-22 | MS-48-72-35 | |
| 48" x 84" | | MS-48-84-12 | MS-48-84-18 | MS-48-84-22 | MS-48-84-35 | |
| 48" x 96" | | MS-48-96-12 | MS-48-96-18 | MS-48-96-22 | MS-48-96-35 | MS-48-96-46 |
| 72" x 96" | | MS-72-96-12 | MS-72-96-18 | MS-72-96-22 | MS-72-96-35 | |

Note: Window panes larger than 72"x96" and custom-cut sizes are available upon request and subject to additional fees. Panes with 3.0mm lead equivalency are also available upon request. Sizes not shown are subject to a 14-16 week delivery. * Model MS-24-30-12 actual cut size is 24"x29.9375" **Model MS-24-36-18 actual cut size is 24"x35.9375"

ORDERING

When preparing to order, please have the following requirements available:

- Lead equivalency
- Size
- Quantity

Learn More About Lead Acrylic

1.800.381.5335 | sales@marshield.com | www.marshield.com

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