LEAD ACRYLIC

CATEGORY INFORMATION

PHILLIPS-SAFETY.COM

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PHILLIPS SAFETY
PRODUCTS INC.

ABOUT US

Phillips Safety is the industry leader in occupational safety eyewear. In business for over 100 years, you are being served with the dedication and craftsmanship of a family owned company.

Phillips Safety has been producing occupational safety glasses since 1905 and continues to develop and produce the highest quality glasses and lenses today. A leading manufacturer of specialty safety eyewear in the United States, Phillips Safety adheres to strict ANSI Z87-2+ and EN 207 CE standard certifications, holding itself to a highest standard and prides itself on producing glasses with the finest quality materials available.

All safety glasses produced and sold by Phillips Safety meet strict industry standards for military, medical, research laboratories, and a variety of other industries.

With Phillips Safety's dedicated team, you can rest assured knowing that all your prescription safety needs are met.

Phillips Safety's lead acrylic products provide an effective and versatile solution for radiation protection in windows, viewing panels, and protective barriers. Designed to combine the shielding power of lead with the clarity and durability of acrylic, our lead acrylic materials offer reliable protection without compromising visibility.

Available in 0.30mm and 0.50mm lead equivalencies, Phillips Safety lead acrylic allows you to choose the appropriate level of protection for your specific application. Whether used in medical imaging rooms, laboratories, or industrial environments, our lead acrylic delivers consistent performance and excellent light transmission.

Moreover, our lead acrylic products are highly customizable to meet your exact requirements. We offer simple cut-to-size options that can be ordered directly online, as well as custom options designed to provide exceptional radiation protection tailored to your needs.

This flexibility ensures our lead acrylic integrates seamlessly into both new installations and existing systems.

Phillips Safety is committed to fast and reliable service. Standard cut orders typically ship within 2–5 business days, while more complex custom projects may require additional lead time depending on specifications. For high-volume orders or distribution inquiries, our experienced sales team is ready to assist.

At Phillips Safety, we understand that every radiation shielding application is unique. That's why we offer both stock and custom lead acrylic solutions designed to meet the highest standards of safety, quality, and performance. Whether you need a single window panel or a fully customized shielding solution, we're here to help you find the right fit for your radiation protection needs.

PHILLIPS SAFETY LEAD ACRYLIC

PRODUCT INFORMATION
LEAD ACRYLIC WINDOW SHEET .33MM PB EQ.

Phillips Lead Acrylic Windows .33mm pb combines reliable radiation shielding with exceptional clarity, making it one of the clearest options on the market. With an impressive 90% visual light transmission, these windows provide a clear view while offering radiation protection. Their thickness of 8±0.5 mm offers a lead equivalency of 0.33mm Pb Eq, ensuring they meet stringent safety requirements.

Our Radiation Acrylic Windows are highly customizable and can be cut to any size you need. Standard cuts are held to a precise tolerance of ±1/16 inch. For added convenience, we ship orders within 2-3 business days.

If you need custom cuts, polished edges, or holes drilled or tapped, please email us at sales-team@phillips-safety.com or visit our Custom Lead Acrylic page to request a quote. These options make our windows a versatile and efficient solution for medical, industrial, and research applications.

SPECIFICATION

COLOR: Clear

SHAPE: Custom

THICKNESS: 8±0.5mm

LIGHT TRANSMISSION: 90%

LEAD EQUIVALENCY: 0.33mm PbEq

PRODUCT TYPE: Radiation Acrylic Window

PRODUCT INFORMATION
LEAD ACRYLIC WINDOW SHEET .50MM PB EQ.

Phillips Lead Acrylic Windows combines reliable radiation shielding with exceptional clarity, making it one of the clearest options on the market. With an impressive 87% visual light transmission, these windows provide unobstructed views while maintaining robust protection. Their thickness of 12±0.7 mm offers a lead equivalency of 0.50mm Pb Eq, ensuring they meet stringent safety requirements.

Our Radiation Acrylic Windows are highly customizable and can be cut to any size you need. Standard cuts are held to a precise tolerance of ±1/16 inch. For added convenience, we ship orders within 2-3 business days.

If you need custom cuts, polished edges, or holes drilled or tapped, please email us at sales-team@phillips-safety.com or visit our Custom Lead Acrylic page to request a quote. These options make our windows a versatile and efficient solution for medical, industrial, and research applications.

SPECIFICATION

COLOR: Clear

SHAPE: Custom

THICKNESS: 12±0.7mm

LIGHT TRANSMISSION: 87%

LEAD EQUIVALENCY: 0.50mm PbEq

PRODUCT TYPE: Radiation Acrylic Window

PRODUCT INFORMATION
CUSTOM LEAD ACRYLIC

Phillips Safety offers custom lead acrylic designed to provide exceptional radiation protection. The Lead Acrylic has a 0.50mm Pb lead equivalency, offering excellent shielding against radiation while maintaining the clarity of acrylic. This innovative material combines the protective qualities of lead with the versatility of acrylic resin, ensuring high-level protection without compromising visibility. The acrylic max size is 48 x 96 inches and is a standard thickness of 12mm and .50mm Pb Eq.

For us to quote your project, please have the following information when you call our sales team: estimated quantity, size, and tolerances.

Key Features:
The Safer Alternative: Phillips Lead Acrylic provides a safer option for radiation-shielding windows.
High Durability: Safe, durable, and shatter-resistant, ensuring long-lasting protection.
Effective Radiation Protection: 30% lead by weight, offering outstanding light transmission and effective radiation shielding.
Easy Handling: Easy and safe to handle, reducing the risk during installation and maintenance.
Favorable Choice: Preferred over Clear Lead Glass for its superior properties and ease of use.
Unobstructed View: Large windows offer radiation protection without compromising visibility.
Cost-Effective: Ease of handling eliminates high construction costs.
Availability: Stock sizes are available for quick delivery.

SPECIFICATION

MATERIAL: Glass

COLOR: Clear

SHAPE: Custom

LEAD EQUIVALENCY: 0.50mm PbEq

PRODUCT TYPE: Radiation Acrylic Glass

CONTACT

Should you need any further information,
please do not hesitate to contact us.

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