

MEDICAL X-RAY SHIELDING CLEAR LEAD ACRYLIC



ADVANTAGE

-  Variety Of Product Options--available In Different Lead Equivalencies And Thicknesses
-  Rugged, Durable And Shatter-resistant
-  Can Be Cut, Drilled Or Machined Using Standard Plastic-handling Techniques.
-  High Radiation Protection Effect
-  Super Light Transmission
-  Custom Cutting

APPLICATIONS

Mobile Barriers – Viewing windows for portable or stationary barriers

Modular Control Booths – Viewing windows for X-Ray Control Booths

Windowpanes – Door glazing, viewing windows in leaded wall systems and as lenses for safety goggles or other types of machines

Other custom cutting types - such as rings for dental machines and portable X-ray machines and other medical equipment.



Mobile Barrier For X-ray
Radiation Shielding System



Suspended-arm Barriers For
Radiation Shielding



Windowpanes



Ring

PRODUCT SPECIFICATIONS

Part number	Lead -equivalency	Thickness	Light Transmission	Attenuation At 100 kVp	Flexural Strength	Flexural Modulus	Izod Impact Strength	Tensile Strength	weight
C-2	0.07	2±0.25	93%	77.41	52Mpa	1624Mpa	12KJ/m ²	36MPa	3.2kgs/m ²
C-3	0.125	3±0.25	92%	85.54	55Mpa	1740Mpa	12KJ/m ²	36.4MPa	4.8kgs/m ²
C-6	0.25	6±0.4	91%	92.6	59Mpa	1852Mpa	12KJ/m ²	37.5MPa	9.5kgs/m ²
C-8	0.3	8±0.5	90%	95.86	63Mpa	1964Mpa	12KJ/m ²	38MPa	12.7kgs/m ²
C-10	0.4	10±0.5	89%	97.1	66Mpa	2098Mpa	11KJ/m ²	40.2MPa	15.8kgs/m ²
C-12	0.5	12±0.7	87%	98.6	70Mpa	2304Mpa	10KJ/m ²	43MPa	19kgs/m ²

Size: 600x800mm, 1000x1200mm, customized available



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