



Replex™ Mirror Domes Technical Data Sheet

Updated March 2021



48 inch Whole Dome



26 inch Half Dome



36 inch Quarter Dome

Features & Benefits:

- ✓ Sizes from 18 to 48 inches
- ✓ Durable for indoor use
- ✓ Clear image quality
- ✓ Maximized field of view
- ✓ Available in whole, half, or quarter domes

Specifications:

MATERIALS

Optical grade acrylic (PMMA) – Acrylite™ or equivalent
Steel chain kits available for whole domes only

Nominal Size (inch)	Dome Diameter (inch)	Typical uses and applications
18	18.0	Offices and hallways
26	26.0	Hospitals, larger hallways
32	32.0	Factories and retail stores
36	36.0	Factories and warehouses
48	46.5	Large buildings with forklift traffic

Property	Test Method	Value
Tensile Strength	ASTM D638	10,000 psi (69 MPa)
Izod Notched Impact Strength	ASTM D256	0.4 lbs/in (21.6 J/m)
Vicat Softening Point	ASTM D1525	220 degF (105 decC)
Maximum Recommended Service Temperature		150 deg F (65 deg C)

ENVIRONMENTAL: Replex™ mirror complies with European REACH regulations for substances of very high concern (SVHC).