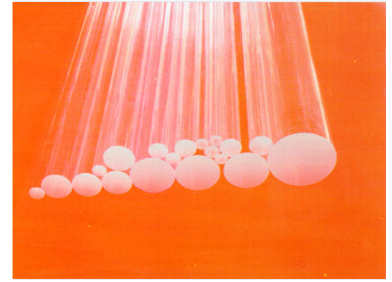
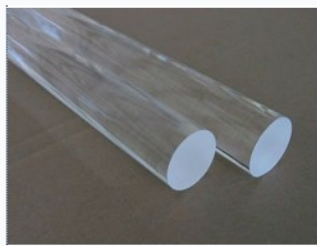
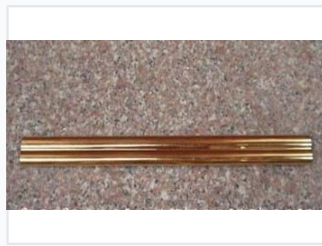


Clear Quartz Glass Rod

Clear quartz glass rods are manufactured for industrial and scientific applications. They offer excellent thermal stability, chemical resistance, and optical clarity.



ADDITIONAL IMAGES



Product Overview

High-Performance Clear Quartz Glass Rods

These clear quartz glass rods are precision-engineered for demanding industrial and scientific applications requiring exceptional thermal stability and chemical resistance. Manufactured from high-purity materials, they offer superior optical clarity and minimal thermal expansion, making them ideal for high-temperature environments. Their consistent dimensions and durable surface finish ensure reliability in applications ranging from semiconductor wafer processing to fiber optic lighting and laser guidance systems.

Key Applications

Primary Applications

Halogen Lamp Pressure Bridges, Fiber Optic Lighting, Quartz Fiber Manufacturing, Semiconductor Wafer Processing, Optical Sensing, Laser Guidance Systems, Metal Forming Machinery

Physical Properties

Material Metrics

2.2 kg/m³ (x10³)
Density

0.56 °C⁻¹ (x10⁻⁶)
Thermal Expansion (25-300°C)

1710 °C
Softening Point

1230 °C
Annealing Point

1140 °C
Strain Point

7.3 x10¹⁰Pa
Young's Modulus

Dimensional Specifications

Dimensional Tolerance Standards

OD Range (mm)	OD Tolerance	Thickness Tol.	Siding	Out of Round
d 6mm	± 2.0%	± 10%	12%	2.0%
6.00-15.00mm	± 1.25%	± 8%	10%	1.5%
15.00-20.00mm	± 1.25%	± 10%	15%	1.5%
20.00-25.00mm	± 1.25%	± 10%	15%	1.5%
25.00-30.00mm	± 1.35%	± 12%	15%	1.5%
30.00-80.00mm	± 1.5%	± 14%	15%	2.0%