

Tempered Quartz Glass Tube for Thermocouples

Tempered quartz glass tubes provide protection for thermocouples in demanding environments. The tubes offer excellent thermal stability and chemical resistance, ensuring accurate temperature measurements.



ADDITIONAL IMAGES



Product Overview

High-Performance Quartz Glass Tubes

These tempered quartz glass tubes are engineered for superior thermal stability and chemical resistance in demanding industrial environments. Featuring a purity level exceeding 99.95% Silicon Dioxide, they provide excellent optical clarity with visible light transmittance greater than 90%. They are specifically designed for applications in semiconductor manufacturing, lighting, and electric heating industries, including thermocouple protection.

Physical Dimensions

Outer Diameter	2.5mm - 350mm
Wall Thickness	0.5mm - 12mm

Material Composition

Available Deshydroxy Content

- < 20ppm
- < 15ppm
- < 10ppm
- < 5ppm
- < 2ppm

Silicon Dioxide (SiO ₂) Purity	99.95 %
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Performance Metrics

Visible Light Transmittance

90 %

Light Transmittance

Compliance

RoHS Compliant

Industrial Applications

Primary Industries

Semiconductor • Lighting • Electric Heating • Thermocouple Protection