

# 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 <sub>2</sub> ) 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