

Quartz Glass Tube Application Manual

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Felix Glass specializes in custom precision optical components for machine vision, laser systems, medical optics, spectroscopy and industrial imaging. OEM & ODM manufacturing services are available worldwide.

Typical Application Cases

1. **Semiconductor Processing:** High-purity quartz tubes for diffusion furnaces and wafer thermal treatment equipment
2. **UV Industrial Equipment:** UV transparent quartz tubing for curing printers, disinfection systems and photochemical reactors
3. **Industrial Heating Furnace:** Opaque quartz tubes for thermal insulation and heat radiation shielding
4. **Laboratory Instruments:** High-temperature resistant tubular parts for chemical reaction and high-pressure experiment devices
5. **Optical Sensing Systems:** Quartz protective tubes and viewing windows for industrial optical inspection modules
- 6.

Covered Industrial Fields

- Semiconductor manufacturing equipment
- UV curing & photochemical industry
- Industrial high-temperature furnace systems
- Laboratory scientific instrumentation
- Machine vision optical protection components
- Industrial sensor cover and viewing window systems
- Environmental and disinfection optical equipment

Service Overview

Hong Kong Felix Glass Co., Limited provides standard and custom quartz glass tubes with flexible dimensional and structural customization. Stable batch production and technical documentation support are available for global industrial buyers.

The information contained in this document is provided for reference only. Final specifications are subject to mutually approved engineering drawings, production capability review, and customer project requirements.

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