

Custom Quartz Glass Tube Drawing Guide

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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.

Mandatory Drawing Parameters

1. Quartz tube type (clear / opaque / UV transparent)
2. Outer diameter, inner diameter and wall thickness tolerance
3. Total length and end face processing requirement
4. Bending angle or flanging structure (if applicable)
5. Working temperature and spectral usage environment
6. Surface finishing grade and special assembly features

Supported File Formats

PDF, DWG, DXF, STEP, IGES

Technical Note

All custom bending and forming processes follow controlled thermal processing to minimize structural stress. Simulation support is available upon request for special-shaped quartz tube designs.

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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