

Quartz Glass Plate Application Manual

Document No. : FG-QTZ-PL-001 | Rev. 1.0 | 2026 Manufacturer: Hong Kong Felix Glass Co., Limited

Primary Core Application Cases

1. Semiconductor Thermal Processing High-purity quartz plates serve as high-temperature stable optical windows for wafer diffusion chambers and thermal treatment equipment.
2. Industrial UV Optical Systems UV transparent quartz substrates are widely integrated into UV curing devices, photochemical reactors and disinfection equipment for stable ultraviolet transmission.

Secondary Application Scenarios

- Laboratory spectroscopic analysis and high-temperature reaction vessels
- Automated machine vision inspection optical windows
- Industrial furnace heat isolation viewing panels
- Precision optical sensor protective covers
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Covered Industrial Fields

Semiconductor manufacturing, UV photochemical industry, laboratory scientific instrumentation, machine vision inspection windows, industrial viewing panels, optical sensor protection components

Service Overview

Hong Kong Felix Glass Co., Limited provides standard and custom quartz glass plates with full dimensional and surface treatment customization. Production scheduling and lead times are confirmed according to order quantity and project requirements. Complete technical documentation support is 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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