

Industrial Glass Components Datasheet

Felix GlassBrand Intro & Document ID

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. Document No. : FG-CUSL-001 | Rev. 1.0 | Issue Date:2026

Core Specification Table

Item	Specification
Available Glass Materials	Fused Silica Quartz, Borosilicate Glass, Aluminosilicate Cover Glass, Soda Lime Float Glass
Main Product Series	Quartz Glass Tubes, Quartz Glass Plates, Custom Flat Glass Panels, Single/Double Curved Glass, Complex 3D Hot-Bent Glass
Size Custom Range	1mm - 1200mm length/width, wall thickness 0.2mm - 20mm, arbitrary curvature & 3D contour shapes
Core Material Properties	Quartz: High UV transmittance, thermal shock resistance; Aluminosilicate: Chemical tempered, scratch resistant; Curved/3D: Uniform hot forming without optical distortion
Surface Treatments	Optical polishing, chemical tempering, AR/AG/AF coating, black silk-screen printing, CNC chamfer, hole drilling, edge grinding
Custom Service Support	Custom dimension, bend radius, 3D mold forming, surface functional coating, small prototype trial & mass volume production

Product Category Brief

- Quartz Glass Tubes & Plates: High temperature resistance for lab reactors, semiconductor diffusion furnaces, UV light equipment
- Custom Glass Panels: Ultra-flat tempered cover glass for industrial touch screens, equipment protective windows
- Curved Glass: Single/double arc thermoformed glass for automotive instrument panels, equipment display covers
- 3D Glass: Complex multi-curve hot bent glass for consumer electronics curved screens, automotive sensing lenses

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.