

Sapphire Optical Components Quality Certification Statement

Hong Kong Felix Glass Co., Limited

Brand 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

Quality Compliance Statement

All sapphire processing, polishing and coating procedures comply with ISO 9001 quality management standards; all finished sapphire optics meet RoHS environmental control requirements.

Complete Traceable Production & Inspection Flow

Single crystal sapphire blank cutting → precision CNC grinding → ultra-precision surface polishing → multi-stage ultrasonic dust-free cleaning → vacuum anti-reflection coating → dimensional & spectral performance testing → thermal shock resistance sampling test → nitrogen sealed anti-scratch packaging

Available Supporting Certificates

1. ISO 9001 factory quality system certificate
2. Single crystal sapphire raw material purity test report
3. Batch dimensional accuracy, surface roughness & spectral transmittance test records
4. Coating adhesion, thermal cycling & corrosion resistance reliability certificate
5. RoHS hazardous substance compliance report

Quality Commitment

Each sapphire optical component undergoes full surface interferometer inspection and spectrum scanning, stable optical performance for long-term harsh environment industrial and aerospace equipment orders.

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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