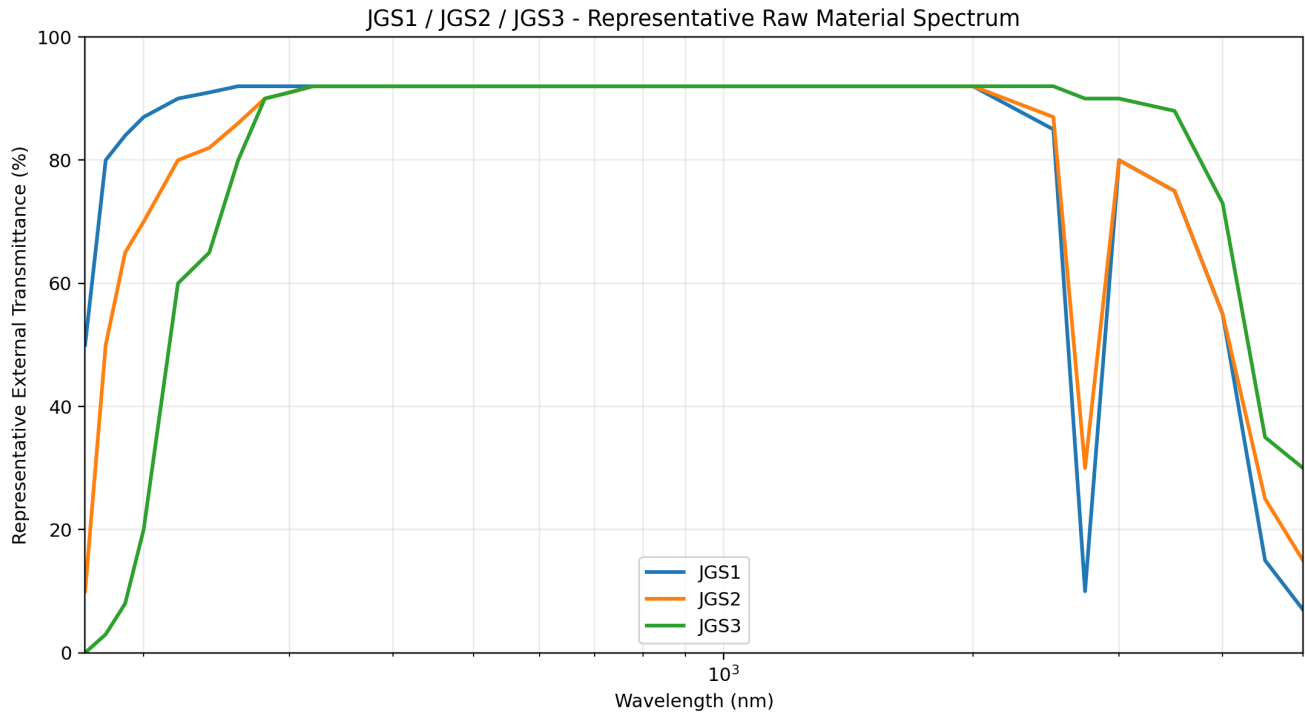


FELIX OPTICAL GLASS

JGS1 / JGS2 / JGS3 RAW MATERIAL SPECTRAL CURVES

Fused Silica / Fused Quartz - Engineering Reference

1. Representative Spectral Transmission



Grade overview: JGS1 is commonly used for far-UV/deep-UV applications, JGS2 for UV-visible general optical use, and JGS3 for visible-to-infrared applications. Typical commercial spectral windows are approximately JGS1 185-2500 nm, JGS2 220-2500 nm, and JGS3 260-3500 nm.

Important: The curves are representative engineering curves reconstructed from supplier-published reference data. They are not FELIX lot-specific spectrophotometer measurements and must not be used as a Certificate of Analysis.

Reference Basis

Reference values are based on publicly published JGS1/JGS2/JGS3 quartz-glass spectral characteristics and optical-property tables, including the historical JC 185-81 grade definitions and commercial supplier data. Actual transmittance varies with thickness, OH content, purity, surface finish and lot.

FELIX OPTICAL GLASS

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