

ANTI REFLECTIVE COATING FOR HIGH POWER UV LASER - 355 nm AND 343 nm

LIQUID DEPOSITION AND THERMAL CURING

Reflection < 0.25% / face (contact us for lower reflection)

LIDT > 20 J/cm², 1064 nm, 7 ns

Ultra-low absorption

STANDARD WINDOWS

- **UV fused silica**
- **Diameter:** 25 mm and 50 mm
- **Thickness:** from 0,5 mm to 6 mm
- **ADHESION:** tape peeling and dicing resistance

Other substrates and dimensions, please contact us.



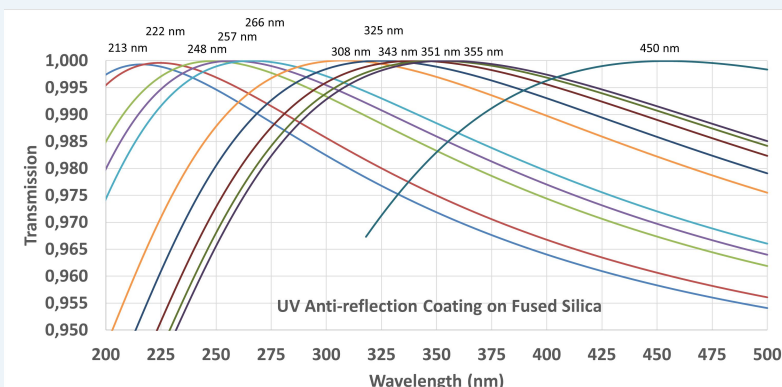
CHARACTERISTICS

Reflection	< 0.25% per face
Transmission ($\theta = 0$)	> 99,5% @ 355 nm and 343 nm
LIDT	> 20 J/cm ²

MATERIALS

SOLNIL develops its own materials from inorganic RESINS with adjustable optical constants ($n = 1.12 - 2.60$), that are highly transparent from UV to MWIR.

CUSTOM WAVELENGTHS ON-DEMAND



TYPICAL TRANSMISSION

