



CF-Viewports Fused Silica

EN

For Optical Applications in R&D



- High-grade fused silica windows with defined surface quality
- Flexible design of antireflection coatings
- Flanges made materials with low magnetic permeability

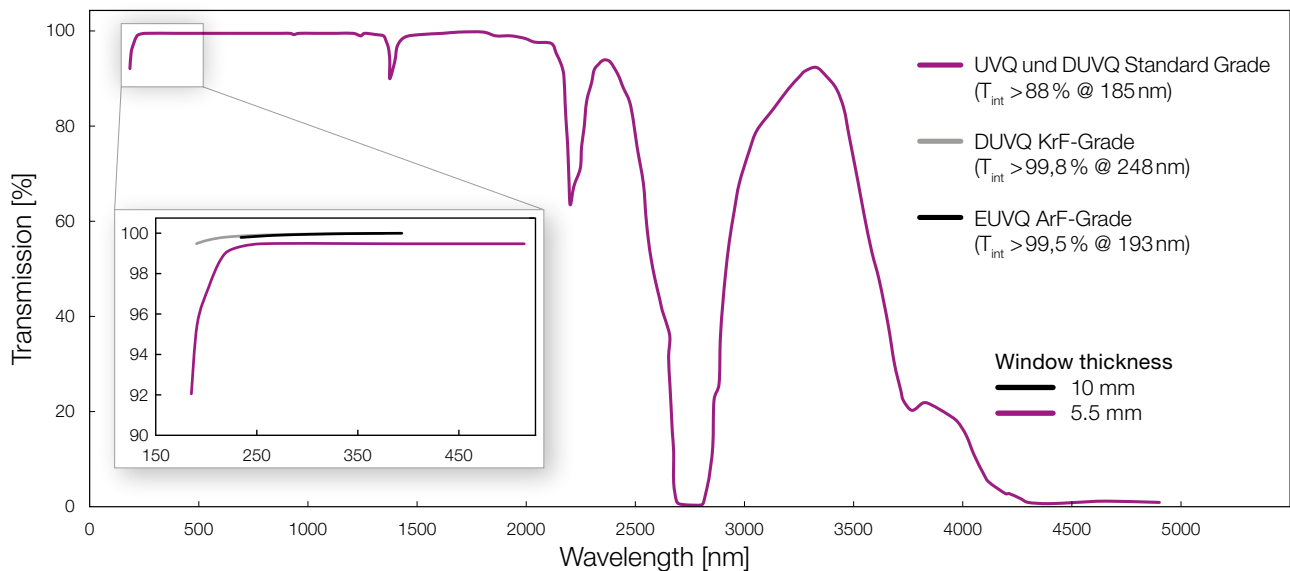


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Technical Data

■ Optical Material	UV-grade fused silica in three grades of quality	
■ Optical Quality	20/10	
■ Flatness	$\lambda/4$ @ 632 nm	
■ Parallelism	< 10"	
■ Flange Material	1.4404 (316L)	Material certificate on request
	1.4429-ESR (316LN-ESU)	
■ Flange System	CF (CF16, CF40, CF63, CF100)	
■ Temperature Range	-100 °C to 200 °C	
■ Helium Leakage Rate	$1 \cdot 10^{-10}$ mbar · l/s	
■ Optional Coatings	Individual design of antireflection coatings	

Internal Transmission – Vacuum Viewports with UV-Grade Fused Silica*



* The curves shown are theoretical values – real values may deviate.

Accessories

Safety Cap with Lead Glass



Annealed Copper Gaskets

