

AluVaC® Optics

EN

UHV Viewports for Illumination & Observation Tasks as well as Demanding Optical Applications



- Non-magnetizable
- Flexible choice of optical material
- Compatible with all standard CF & **AluVaC®** components

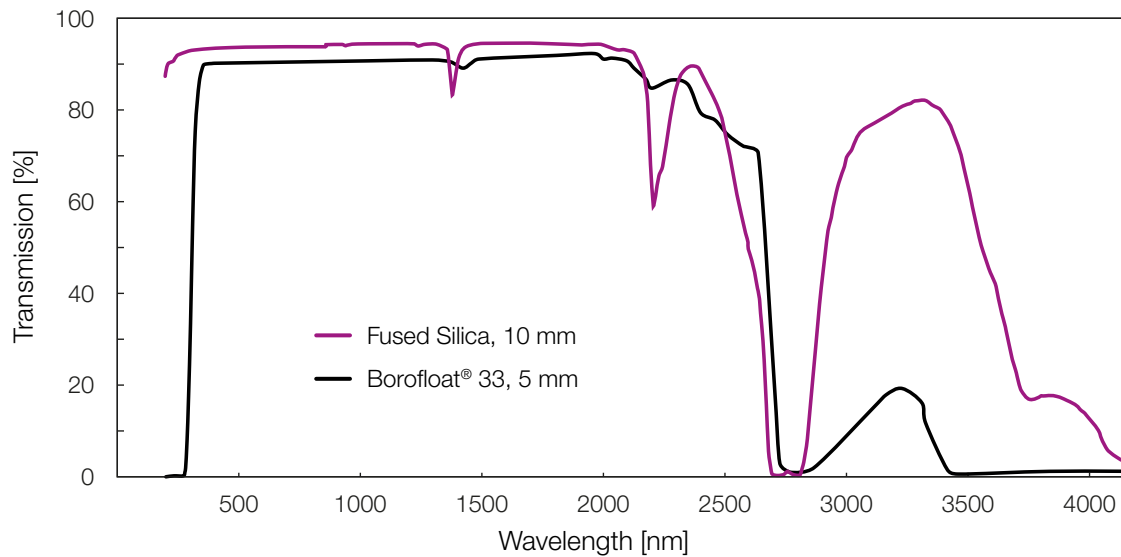
NICHTS ist unerreichbar.

Technical Data

■ Optical Material*	Borofloat® 33	Fused Silica
■ Transmission Range	400 nm – 2,500 nm	250 nm – 2,000 nm
■ Optical Quality	–	20/10 (scratch/dig)
■ Flatness	–	$\lambda/4$ @ 632 nm
■ Parallelism	–	< 10"
■ Coating	Individual anti-reflective coating	
■ Flange Material	Aluminium 6XXX	
■ Flange System	Compatible with all standard CF and AluVaC ® components	
	CF16 & CF40	
■ Max. Operating Temperature	120 °C	
■ Helium Leakage Rate	$1 \cdot 10^{-10}$ mbar · l/s	

* Specification for standard optics, customizations on request.

Transmission of Optical Materials**



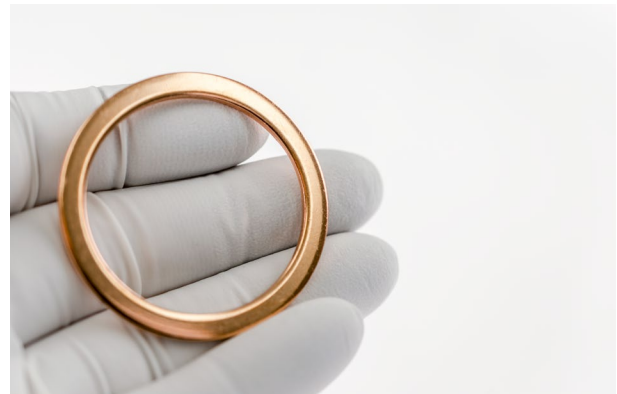
** The curves shown are theoretical values – real values may deviate.

Accessories

Safety Cap with Lead Glass



Annealed Copper Gaskets



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