

FLAT OPTICS

TECHNICAL SPECIFICATION

Materials	<ul style="list-style-type: none"> • Optical glasses Schott, Ohara, Corning, Sumita, Hoya, Pilkington, Heraeus, Hikari, CDGM and others on the customer needs • Quarz Glasses • Optical crystals (CaF₂, MgF₂, ZnS, Si, Ge) and others
Forms	<ul style="list-style-type: none"> • Flat parallel plates
Surface accuracy (633nm)	<ul style="list-style-type: none"> • $\lambda/10$ • Other customized
Surface quality	According to ISO 10100
Angle's error	3 arcsec
Diameter range	1.5– 200 mm
Diameter tolerance	-0,01 mm
Thickness tolerance	to +/- 0,01 mm
Micro roughness Sigma (RMS)	< 1 nm
AR coating	<p>Specification: DIN 58197-W-400-600</p> <p>Standard class:</p> <ul style="list-style-type: none"> • $R \leq 0.4\%$ abs. 400 – 610 nm • $R \leq 0.3\%$ avg. 400 – 610 nm • Cleanness 2 x 0.016 • Other customized <p>Environment: MIL-C-675 A</p> <ul style="list-style-type: none"> • 4.6.8 Salt water 24h 4.5% NaCl • 4.6.9 Humidity 24h 49°C / 95% r. F. • 4.6.10 Salt fog 24h 4.5% NaCl • 4.6.11 Rubber hardness 20 strokes
Other AR coatings	On request