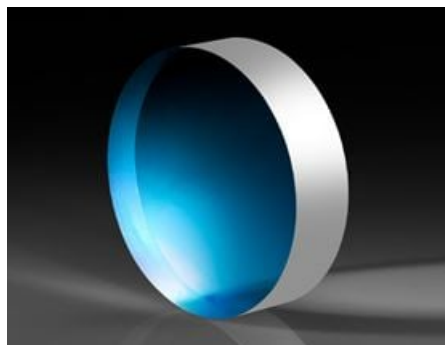


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TECHSPEC® Precision Dual Surface Optical Flats


- $\lambda/10$ and $\lambda/20$ Surface Flatness Options
- Each $\lambda/20$ Flat 76.2mm and Larger Includes a Certificate of Calibration
- Extended Lifetime in Contact Measurement Applications
- [Single Surface Optical Flats](#) Also Available

Common Specifications

Physical & Mechanical Properties

Bevel:	Protective as needed	Construction:	Dual Surface
Poisson's Ratio:	0.16	Young's Modulus (GPa):	73
Knoop Hardness (kg/mm²):	522.00		

Optical Properties

Coating:	Uncoated		
Index of Refraction (n_d):	1.458	Surface Quality:	60-40
Abbe Number (v_d):	67.8	Wavelength Range (nm):	200 - 2200

Material Properties

Density (g/cm³):	2.20
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Technical Information

Products

Surface Flatness (P-V)	Dia. (mm)	Thickness (mm)	Substrate	Stock Number	Price	Buy
λ/10	25.40	12.70	Fused Silica	#43-424	£188.23	20+ In Stock
λ/10	50.80	12.70	Fused Silica	#43-426	£298.55	9 In Stock
λ/10	76.20	19.05	Fused Silica	#43-428	£647.87	Contact Us
λ/10	101.60	19.05	Fused Silica	#43-430	£1,076.87	Contact Us
λ/10	127.00	25.40	Fused Silica (Corning 7980)	#71-132	£1,532.13 Volume Pricing	Contact Us
λ/20	127.00	25.40	Fused Silica (Corning 7980)	#71-133	£1,969.88 Volume Pricing	3 In Stock
λ/10	152.40	25.40	Fused Silica	#43-432	£2,390.12	20+ In Stock
λ/10	203.20	38.10	Fused Silica	#43-434	£3,239.35	4 In Stock
λ/10	254.00	38.10	Fused Silica	#25-180	£5,690.75	Contact Us
λ/10	304.80	38.10	Fused Silica	#25-182	£7,441.75	3 In Stock
λ/20	25.40	12.70	Fused Silica	#48-129	£267.03	5 In Stock
λ/20	50.80	12.70	Fused Silica	#48-130	£464.02	20+ In Stock
λ/20	76.20	19.05	Fused Silica	#48-131	£919.28	5 In Stock
λ/20	101.60	19.05	Fused Silica	#48-132	£1,374.54	5 In Stock
λ/20	152.40	25.40	Fused Silica	#48-133	£3,051.12	1 In Stock
λ/20	203.20	38.10	Fused Silica	#49-061	£5,288.02	Contact Us



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