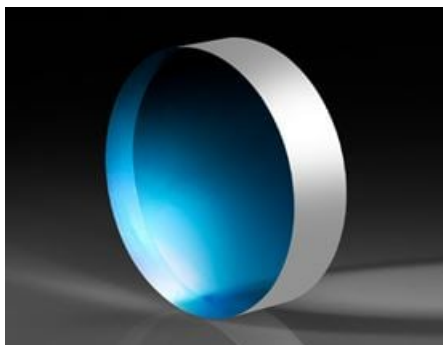


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TECHSPEC® Precision Dual Surface Optical Flats



- $\lambda/10$ 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
$\lambda/10$	25.40	12.70	Fused Silica	#43-424	C\$319.06	20+ In Stock
$\lambda/10$	50.80	12.70	Fused Silica	#43-426	C\$506.04	9 In Stock
$\lambda/10$	76.20	19.05	Fused Silica	#43-428	C\$1,098.16	Contact Us
$\lambda/10$	101.60	19.05	Fused Silica	#43-430	C\$1,825.32	Contact Us
$\lambda/10$	127.00	25.40	Fused Silica (Corning 7980)	#71-132	C\$2,597.00 Volume Pricing	2 In Stock
$\lambda/20$	127.00	25.40	Fused Silica (Corning 7980)	#71-133	C\$3,339.00 Volume Pricing	3 In Stock
$\lambda/10$	152.40	25.40	Fused Silica	#43-432	C\$4,051.32	20+ In Stock
$\lambda/10$	203.20	38.10	Fused Silica	#43-434	C\$5,490.80	4 In Stock
$\lambda/10$	254.00	38.10	Fused Silica	#25-180	C\$9,646.00	Contact Us
$\lambda/10$	304.80	38.10	Fused Silica	#25-182	C\$12,614.00	3 In Stock
$\lambda/20$	25.40	12.70	Fused Silica	#48-129	C\$452.62	5 In Stock
$\lambda/20$	50.80	12.70	Fused Silica	#48-130	C\$786.52	20+ In Stock
$\lambda/20$	76.20	19.05	Fused Silica	#48-131	C\$1,558.20	5 In Stock
$\lambda/20$	101.60	19.05	Fused Silica	#48-132	C\$2,329.88	3 In Stock
$\lambda/20$	152.40	25.40	Fused Silica	#48-133	C\$5,171.74	1 In Stock
$\lambda/20$	203.20	38.10	Fused Silica	#49-061	C\$8,963.36	Contact Us



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