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Suprasil® Windows

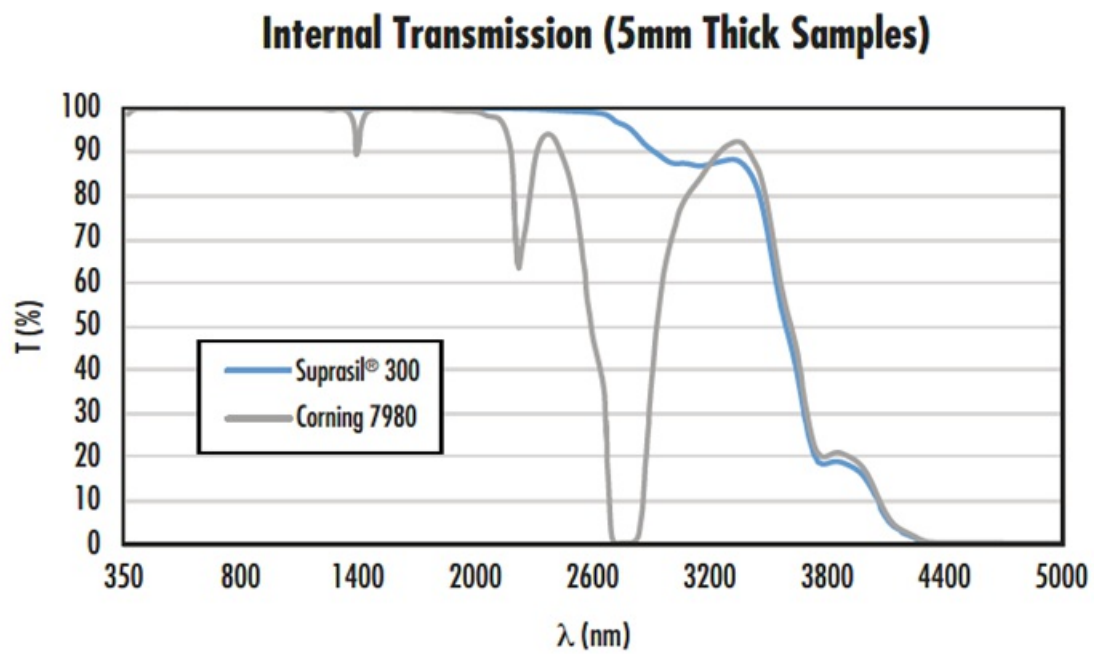


- High Transmission from 200 to 3500nm
- <1 ppm OH Content for Minimal Absorption Losses
- 10-5 Surface Quality and up to $\lambda/10$ TWD

Common Specifications

Physical & Mechanical Properties			
Bevel:	Protective as needed	Clear Aperture (%):	90
Edges:	Fine Ground	Knoop Hardness (kg/mm ²):	591.00
Parallelism (arcsec):	<5	Poisson's Ratio:	0.17
Young's Modulus (GPa):	70		
Optical Properties			
Abbe Number (v _d):	67.8		
Index of Refraction (n _d):	1.459	Substrate:	Suprasil® 300
Surface Quality:	10-5	Transmitted Wavefront, P-V:	λ/10
Material Properties			
Coefficient of Thermal Expansion CTE (10 ⁻⁶ /°C):	0.51 (0 to +100°C) 0.58 (0 to +200°C)	Density (g/cm ³):	2.20

Technical Information



Products

Dia. (mm)	Thickness (mm)	Coating	Stock Number	Price	Buy
5.00	1.00	Uncoated	#15-467	£72.67 Volume Pricing	14 In Stock
10.00	1.50	Uncoated	#15-468	£84.05 Volume Pricing	20+ In Stock
12.50	2.00	Uncoated	#15-469	£95.43 Volume Pricing	20+ In Stock
20.00	2.00	Uncoated	#15-470	£109.44 Volume Pricing	2 In Stock
25.00	1.00	Uncoated	#19-745	£118.19 Volume Pricing	1 In Stock
25.00	2.00	Uncoated	#19-746	£118.19 Volume Pricing	10 In Stock
25.00	3.00	Uncoated	#15-471	£118.19 Volume Pricing	12 In Stock
25.40	1.00	Uncoated	#19-748	£118.19 Volume Pricing	8 In Stock
50.00	3.00	Uncoated	#15-472	£300.30 Volume Pricing	10 In Stock
5.00	1.00	NIR II (750 - 1550nm)	#25-586	£98.06 Volume Pricing	5 In Stock
10.00	1.50	NIR II (750 - 1550nm)	#25-587	£109.44 Volume Pricing	13 In Stock
12.50	2.00	NIR II (750 - 1550nm)	#25-588	£120.82 Volume Pricing	4 In Stock
20.00	2.00	NIR II (750 - 1550nm)	#25-589	£133.95 Volume Pricing	5 In Stock
25.00	1.00	NIR II (750 - 1550nm)	#25-590	£143.58 Volume Pricing	Contact Us
25.00	2.00	NIR II (750 - 1550nm)	#25-591	£143.58 Volume Pricing	3 In Stock
25.00	3.00	NIR II (750 - 1550nm)	#25-592	£143.58 Volume Pricing	Contact Us
25.40	1.00	NIR II (750 - 1550nm)	#25-593	£143.58 Volume Pricing	2 In Stock

50.00	3.00	NIR II (750 - 1550nm)	#25-594	£330.06 Volume Pricing	7 In Stock
5.00	1.00	BBAR (1650-3000nm)	#21-241	£105.06 Volume Pricing	14 In Stock
10.00	1.50	BBAR (1650-3000nm)	#21-242	£116.44 Volume Pricing	5 In Stock
12.50	2.00	BBAR (1650-3000nm)	#21-243	£127.82 Volume Pricing	4 In Stock
20.00	2.00	BBAR (1650-3000nm)	#21-244	£140.96 Volume Pricing	2 In Stock
25.40	1.00	BBAR (1650-3000nm)	#21-248	£150.59 Volume Pricing	Contact Us
25.00	1.00	BBAR (1650-3000nm)	#21-245	£150.59 Volume Pricing	Contact Us
25.00	2.00	BBAR (1650-3000nm)	#21-246	£150.59 Volume Pricing	Contact Us
25.00	3.00	BBAR (1650-3000nm)	#21-247	£150.59 Volume Pricing	4 In Stock
50.00	3.00	BBAR (1650-3000nm)	#21-249	£341.45 Volume Pricing	Contact Us



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