

[See all 36 Products in Family](#)

25 x 25mm, 3mm Thick, Uncoated, Suprasil Window



Suprasil® Windows

Stock **#89-619** NEW [CONTACT US](#)

-

1

+

₹11,745

ADD TO CART

Volume Pricing	
Qty 1-5	₹11,745 each
Qty 6-25	₹9,396 each
Qty 26-49	₹8,809 each
Need More?	Request Quote

Product Downloads

General	
Protective Window	Type:
Physical & Mechanical Properties	
22.5 x 22.5	Clear Aperture CA (mm):
25 x 25 +0/-0.1	Dimensions (mm):

3.00 ±0.10	Thickness (mm):
Protective as needed	Bevel:
90	Clear Aperture (%):
Fine Ground	Edges:
<5	Parallelism (arcsec):
0.17	Poisson's Ratio:
70	Young's Modulus (GPa):
591.00	Knoop Hardness (kg/mm²):

Optical Properties

Uncoated	Coating:
Suprasil® 300	Substrate: ☐
1.459	Index of Refraction (n _d):
10-5	Surface Quality:
λ/10	Transmitted Wavefront, P-V:
67.8	Abbe Number (v _d):
200 - 3500	Wavelength Range (nm):

Material Properties

2.2	Density (g/cm³):
0.51 (0 to +100°C) 0.58 (0 to +200°C)	Coefficient of Thermal Expansion CTE (10 ⁻⁶ /°C):

Regulatory Compliance

Compliant	RoHS 2015:
View	Certificate of Conformance:
Vietnam	Country of Origin:
Edmund Optics India Private Limited	Imported By:

Product Details

- High Transmission from 200 to 3500nm
 - <1 ppm OH Content for Minimal Absorption Losses
 - 10-5 Surface Quality and up to λ/10 TWD
- Suprasil® Windows are constructed from high purity synthetic fused silica and provide high, flat transmission from 200 to 3500nm. Suprasil has similar mechanical properties to fused silica with the added benefit of having no absorption bands in the visible or infrared spectra, resulting in no transmission loss between 1400 - 2700nm. Compared to Infrasil®, Suprasil has lower absorption with a <1 ppm OH content, causing negligible increase in temperature from bulk absorption when used with high powered lasers. Suprasil Windows are ideal for laser material processing, medical laser applications, or applications using Nd:doped or 2 micron lasers.

Technical Information



