

[See all 4 Products in Family](#)

100 x 100mm, 1.1mm Thick, Uncoated, SCHOTT Xensation® Chemically Strengthened Window

See More by [SCHOTT Optical Components](#)



Stock **#17-263** **5 In Stock**

-

1

+

₹3,044

ADD TO CART

Volume Pricing	
Qty 1-5	₹3,044 each
Qty 6-25	₹2,439 each
Qty 26-99	₹2,292 each
Need More?	Request Quote

Product Downloads

General

Protective Window

Type:

Physical & Mechanical Properties

Protective as needed

Bevel:

90	Clear Aperture (%):
90 x 90	Clear Aperture CA (mm):
100.00 x 100.00	Dimensions (mm):
1.10 Nominal	Thickness (mm):
Fine Ground	Edges:
639.00	Knoop Hardness (kg/mm ²):
0.21	Poisson's Ratio:
74	Young's Modulus (GPa):
100.00	Length (mm):
100.00	Width (mm):

Optical Properties	
Uncoated	Coating:
1.51	Index of Refraction (n _d):
SCHOTT Xensation®	Substrate:
80-50	Surface Quality:
380 - 840	Wavelength Range (nm):

Material Properties	
8.8 (+20 to +300°C)	Coefficient of Thermal Expansion CTE (10 ⁻⁶ /°C):
2.48	Density (g/cm ³):
615	Transformation Temperature (°C):

Regulatory Compliance	
Compliant	RoHS 2015:
View	Certificate of Conformance:
Compliant	Reach 247:
United States	Country of Origin:
Edmund Optics India Private Limited	Imported By:

Product Details

- Highly Resistant to Breakage and Surface Scratches
- Microfloat Manufacturing Process
- Ideal for Capacitive Touch Technologies
- TECHSPEO® Gorilla® Glass Windows and Dragontrail™ Chemically Strengthened Windows Also Available

SCHOTT Xensation® Chemically Strengthened Windows provide hardened substrates with outstanding resistance to breakage and scratches. These windows feature a Knoop Hardness of 639, making them harder and tougher than soda lime float substrates. Typical compressive stress (CS) and depth of layer (DoL) values are evenly balanced to deliver outstanding mechanical reliability. SCHOTT Xensation® Chemically Strengthened Windows feature a high transmittance between 390 – 840nm and are widely used as protective cover glass for capacitive touch technologies display devices. Custom coatings and sizes are available for volume OEM applications.

Quote Your Size