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50 x 50mm, 1.1mm Thick, Uncoated, SCHOTT Xensation® Chemically Strengthened Window

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Stock #17-262 **20+ In Stock**

S\$49³⁵

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Volume Pricing	
Qty 1-5	S\$49.35 each
Qty 6-25	S\$39.20 each
Qty 26-99	S\$37.80 each
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General

Protective Window **Type:**

Physical & Mechanical Properties

Protective as needed **Bevel:**

90	Clear Aperture (%):
45 x 45	Clear Aperture CA (mm):
50.00 x 50.00	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):
50.00	Length (mm):
50.00	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:

Product Details

- Highly Resistant to Breakage and Surface Scratches
- Microfloat Manufacturing Process
- Ideal for Capacitive Touch Technologies
- [TECHSPEC® 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