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12.5mm Dia., 1.1mm Thick, Uncoated, SCHOTT Xensation® Chemically Strengthened Window

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Stock #17-260 20+ In Stock

- 1 + £16.80

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Volume Pricing	
Qty 1-5	**£16.80** each
Qty 6-25	**£12.80** each
Qty 26-99	**£12.00** each
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Product Downloads

General

Type:

Protective Window

Physical & Mechanical Properties

Clear Aperture CA (mm):

11.25

Diameter (mm):

12.50 ±0.127

Thickness (mm):

1.10 Nominal

Bevel:

Protective as needed

Clear Aperture (%):

90

Edges:

Fine Ground

Poisson's Ratio:

0.21

Young's Modulus (GPa):

74

Knoop Hardness (kg/mm^2):

639.00

Optical Properties

Coating:

Uncoated

Substrate:

SCHOTT Xensation®

Index of Refraction (n_d):

1.51

Surface Quality:

80-50

Wavelength Range (nm):

380 - 840

Material Properties

Density (g/cm^3):

2.48

Transformation Temperature (°C):

615

Coefficient of Thermal Expansion CTE (10^{-6}/°C):

8.8 (+20 to +300°C)

Regulatory Compliance

RoHS 2015:

Compliant

Certificate of Conformance:

View

Reach 247:

Compliant

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.

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