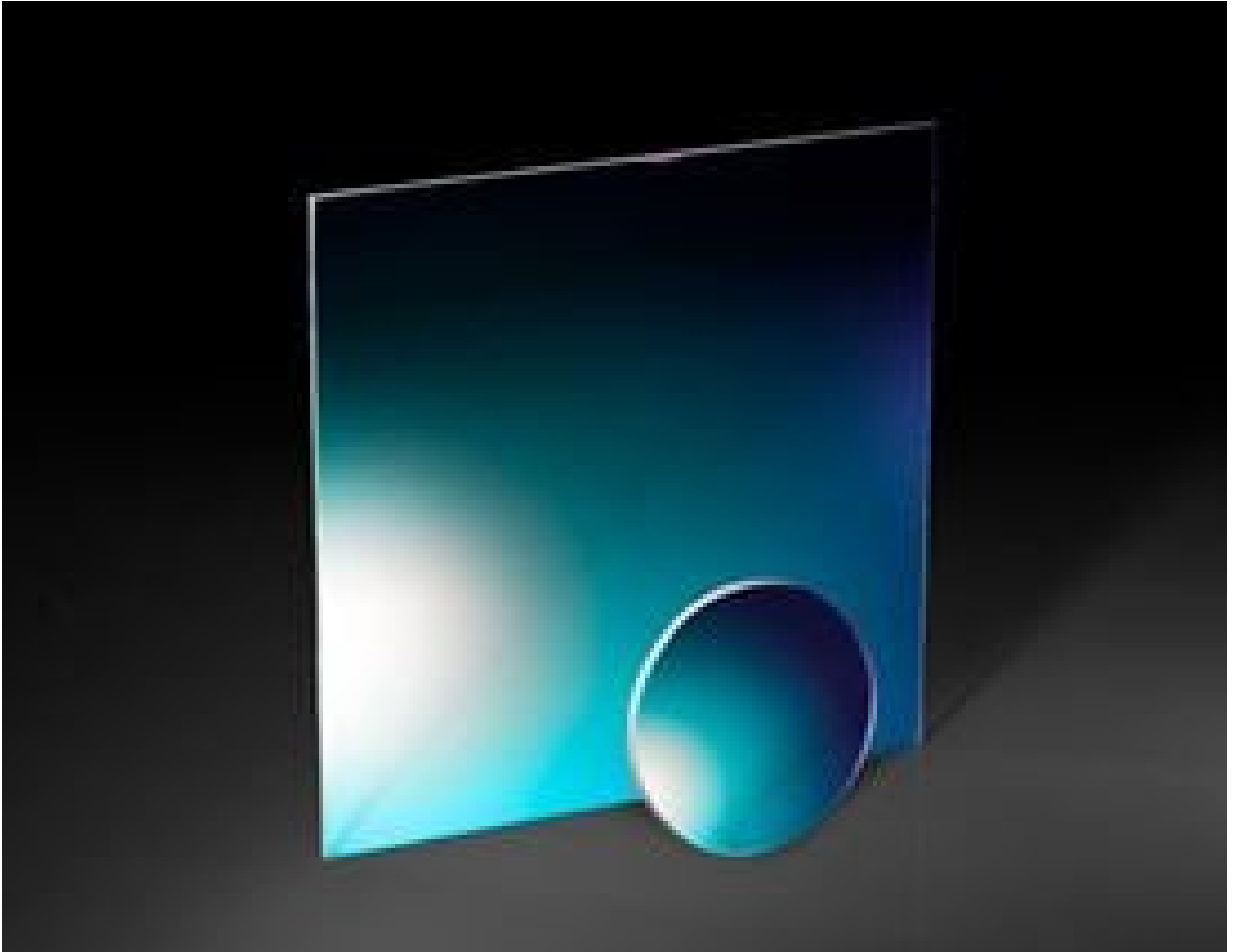


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## 50 x 50mm, 1.1mm Thick, Uncoated, Dragontrail™ Chemically Strengthened Window



Stock #17-258 **20+ In Stock**

1  C\$51<sup>45</sup>

**ADD TO CART**

### Volume Pricing

Qty 1-5	C\$51.45 each
Qty 6-25	C\$40.60 each
Qty 26-99	C\$39.20 each
Need More?	<a href="#">Request Quote</a>

### Product Downloads

#### General

Protective Window **Type:**

20 **Chemical Strengthening Cycle (hours):**

Glass **Type of Window:**

#### Physical & Mechanical Properties

45 x 45	<b>Clear Aperture CA (mm):</b>
50.00 x 50.00	<b>Dimensions (mm):</b>
1.10 Nominal	<b>Thickness (mm):</b>
50.00	<b>Length (mm):</b>
50.00	<b>Width (mm):</b>
Protective as needed	<b>Bevel:</b>
90	<b>Clear Aperture (%):</b>
Fine Ground	<b>Edges:</b>
0.23	<b>Poisson's Ratio:</b>
74	<b>Young's Modulus (GPa):</b>

### Optical Properties

Uncoated	<b>Coating:</b>
Dragontrail™	<b>Substrate:</b> <input type="checkbox"/>
1.51	<b>Index of Refraction (n<sub>d</sub>):</b>
80-50	<b>Surface Quality:</b>
350 - 2000	<b>Wavelength Range (nm):</b>

### Material Properties

2.48	<b>Density (g/cm<sup>3</sup>):</b>
9.8	<b>Coefficient of Thermal Expansion CTE (10<sup>-6</sup>/°C):</b>

### Regulatory Compliance

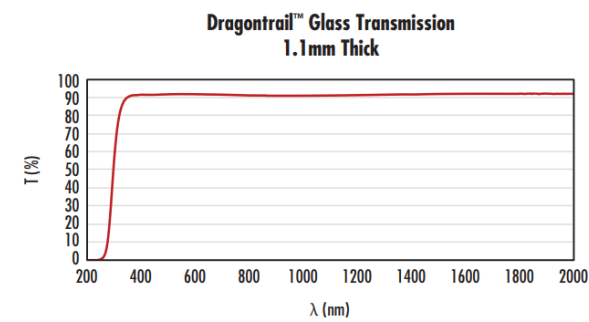
<a href="#">Compliant</a>	<b>RoHS 2015:</b>
<a href="#">View</a>	<b>Certificate of Conformance:</b>
<a href="#">Compliant</a>	<b>Reach 247:</b>

## Product Details

- Chemically Strengthened Thin Glass
- Highly Resistant to Surface Scratches
- Ideal for Electronic Displays
- [TECHSPEC® Gorilla® Glass Windows](#) Also Available

Dragontrail™ Chemically Strengthened Windows provide hardened substrates with superior strength, scratch resistance and surface quality. These thin, damage resistant windows feature a Vickers hardness of 673, making them 6x stronger than soda lime float substrates. Dragontrail™ Chemically Strengthened Windows are widely used as protective cover glass for high-end touch screen displays and analytical devices. Dragontrail's structural strength and excellent transmittance (90%) from 350 – 900nm enable many customizations including thinner profiles and custom coatings for OEM consumer and industrial applications.

## Technical Information



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