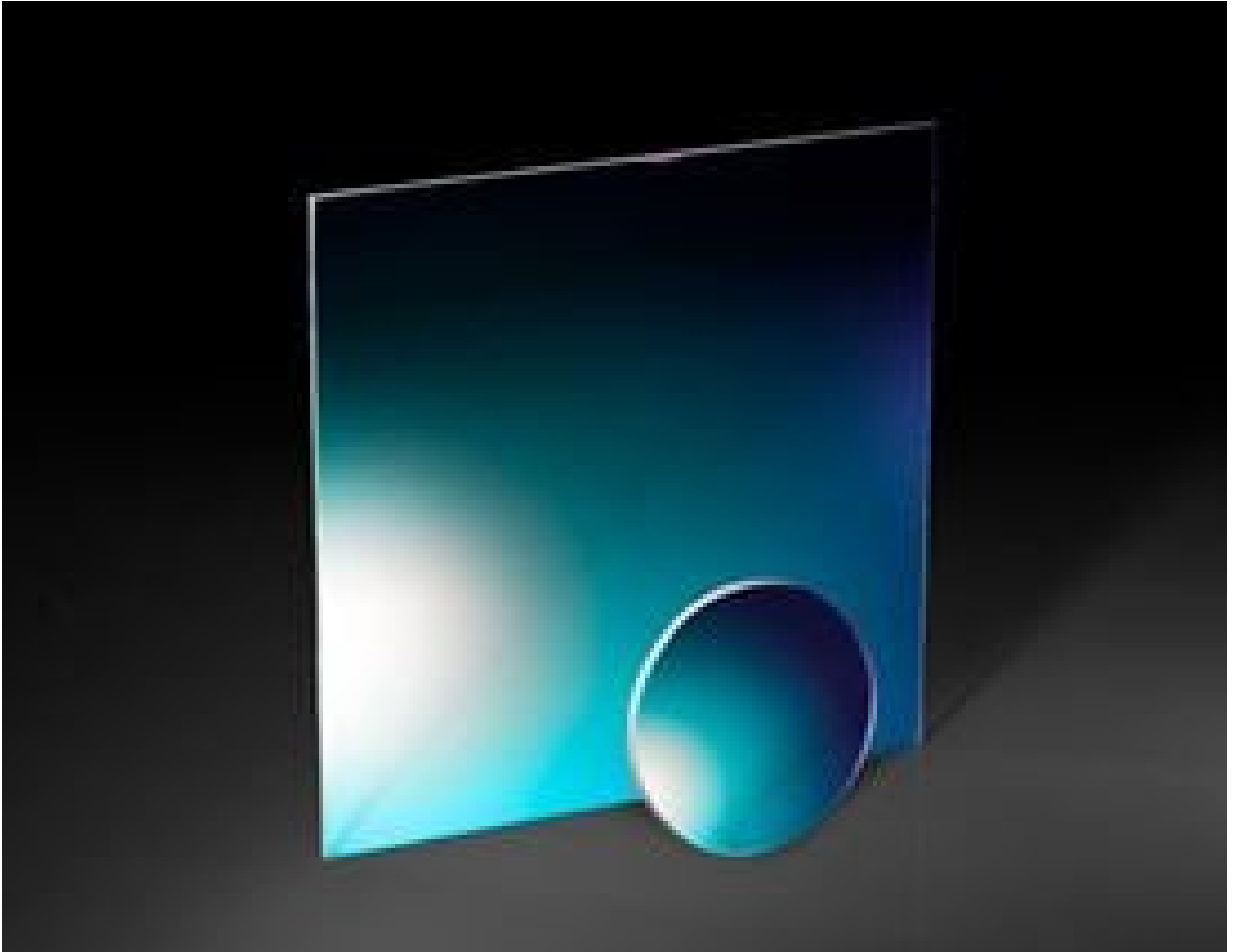


[See all 4 Products in Family](#)

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



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

⊖ 1 ⊕ £29⁴⁰

ADD TO CART

Volume Pricing

Qty 1-5	£29.40 each
Qty 6-25	£23.20 each
Qty 26-99	£22.40 each
Need More?	Request Quote

! Prices shown are exclusive of VAT/local taxes

Product Downloads

General

Protective Window **Type:**

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

Glass **Type of Window:**

Physical & Mechanical Properties

45 x 45 **Clear Aperture CA (mm):**

50.00 x 50.00 **Dimensions (mm):**

1.10 Nominal **Thickness (mm):**

50.00 **Length (mm):**

50.00 **Width (mm):**

Protective as needed **Bevel:**

90 **Clear Aperture (%):**

Fine Ground **Edges:**

0.23 **Poisson's Ratio:**

74 **Young's Modulus (GPa):**

Optical Properties

Uncoated **Coating:**

[Dragontrail™](#) **Substrate:**

1.51 **Index of Refraction (n_d):**

80-50 **Surface Quality:**

350 - 2000 **Wavelength Range (nm):**

Material Properties

2.48 **Density (g/cm³):**

9.8 **Coefficient of Thermal Expansion CTE (10⁻⁶/°C):**

Regulatory Compliance

[Compliant](#) **RoHS 2015:**

[View](#) **Certificate of Conformance:**

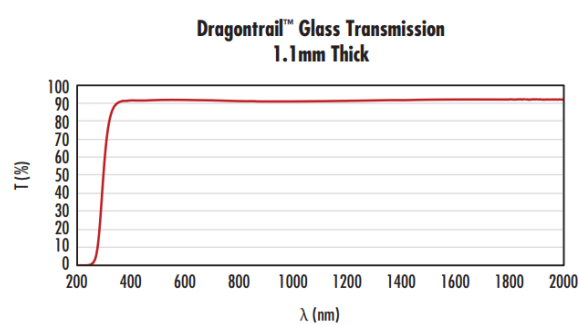
[Compliant](#) **Reach 247:**

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



Quote Your Size
