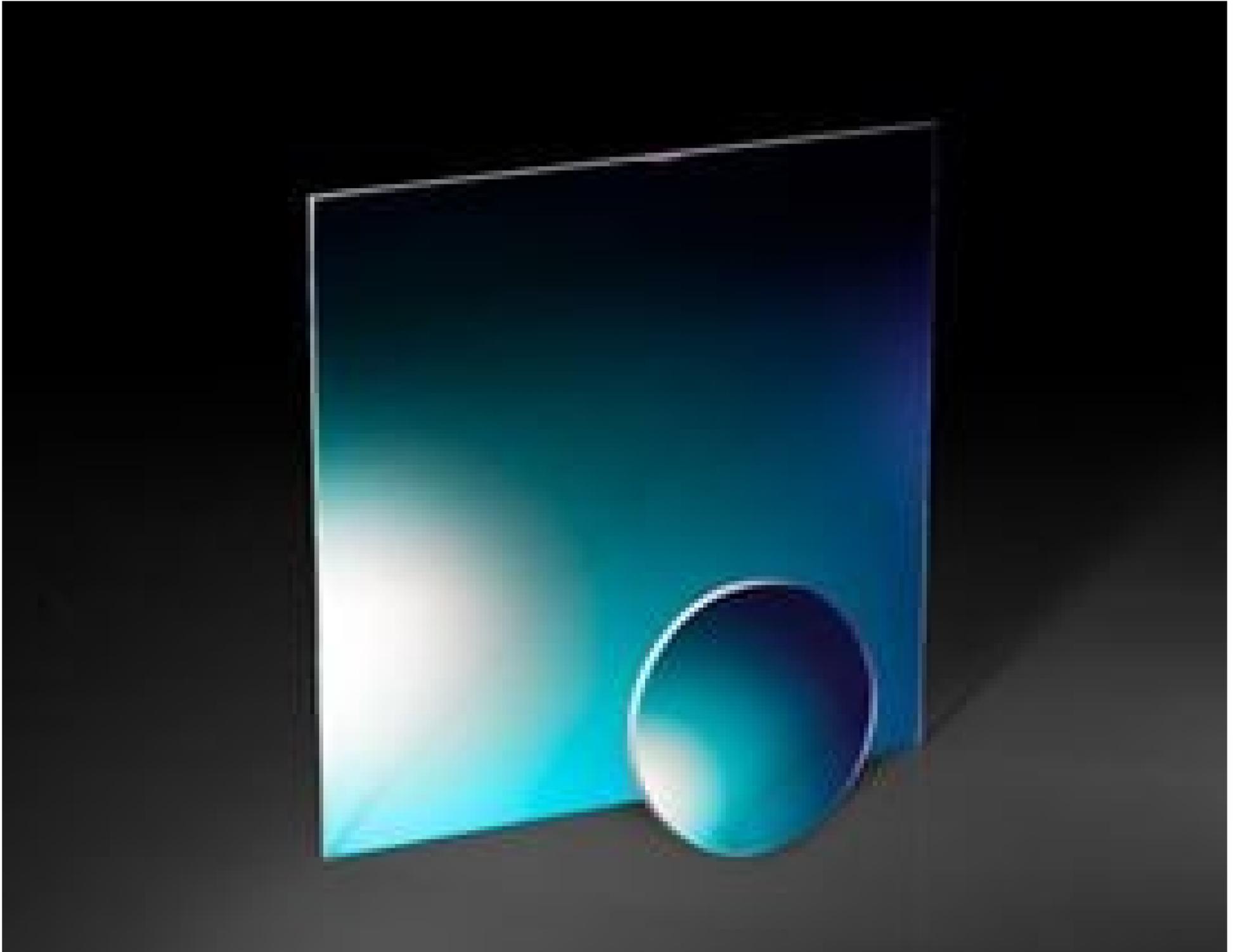


[See all 4 Products in Family](#)

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

Type:
Protective Window

Chemical Strengthening Cycle (hours):
20

Physical & Mechanical Properties

Clear Aperture CA (mm):
45 x 45

| | |
|----------------------|-------------------------------|
| 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: <input type="checkbox"/> |
| 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

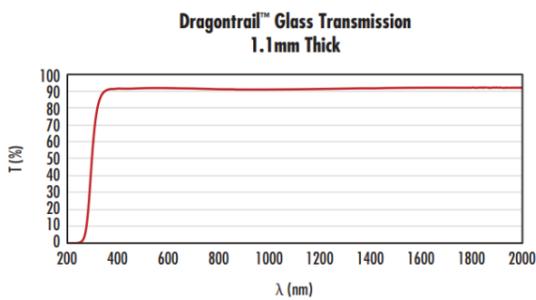
| | |
|---------------------------|------------------------------------|
| Compliant | RoHS 2015: |
| View | Certificate of Conformance: |
| Compliant | Reach 247: |

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

