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100 x 100mm, 0.4mm Thick, SCHOTT D263® T eco Window

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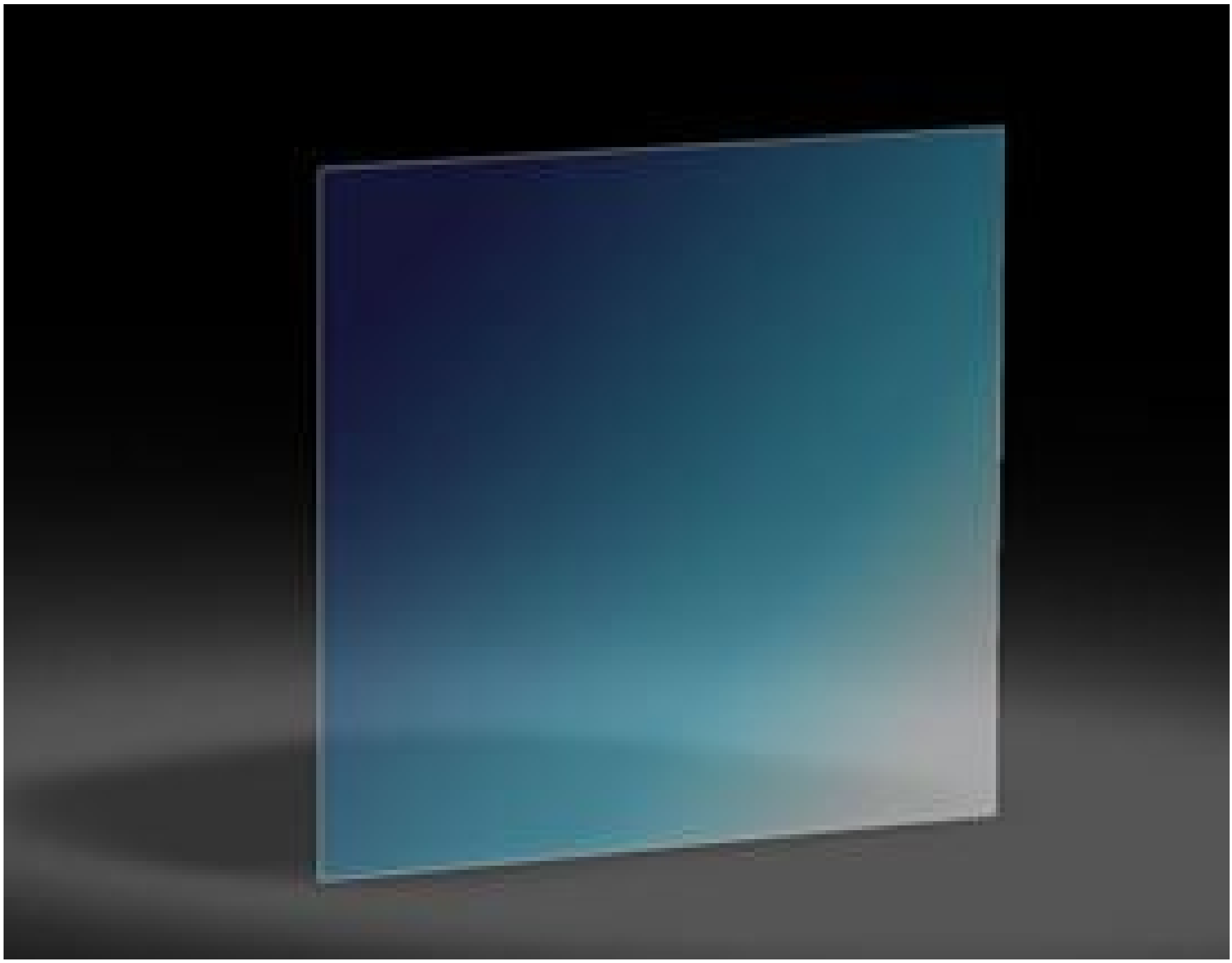

Stock **#18-303** **10 In Stock**

- 1 + **€50**,00

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Volume Pricing	
Qty 1-5	**€50,00** each
Qty 6-25	**€40,00** each
Qty 26-99	**€37,00** each
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Prices shown are exclusive of VAT/local taxes

Product Downloads

General

Type:

Protective Window

Physical & Mechanical Properties

Clear Aperture CA (mm):

90.00 x 90.00

Dimensions (mm):

100.00 x 100.00 ±0.25

Thickness (mm):
0.40 ±0.05

Length (mm):
100.00

Width (mm):
100.00

Bevel:
Protective as needed

Clear Aperture (%):
90

Edges:
Cut and Seamed

Poisson's Ratio:
0.21

Young's Modulus (GPa):
72.9

Optical Properties

Coating:
Uncoated

Substrate:
D263® T eco

Index of Refraction (n_d):
1.523

Surface Quality:
80-50

Wavelength Range (nm):
350 - 2000

Material Properties

Density (g/cm^3):
2.51

Transformation Temperature (°C):
557

Coefficient of Thermal Expansion CTE (10^{-6}/°C):
7.2 (+20 to +300°C)

Regulatory Compliance

RoHS 2015:
Compliant

Certificate of Conformance:
View

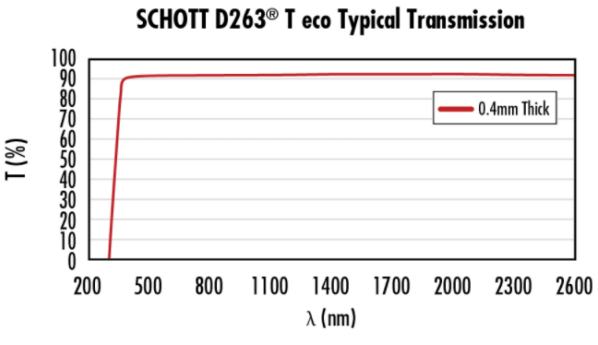
Reach 247:
Compliant

Product Details

- Thin 0.4mm SCHOTT D263® T eco Substrates
- Excellent Glass Alternative to Plastic Optics
- Ideal for Weight and Space Sensitive Applications

SCHOTT D263® T eco Windows feature thin 0.4mm thick, eco-friendly manufactured glass substrates with high transmission in the visible and near-infrared (NIR) spectra. These windows are manufactured through a precision down-draw manufacturing process, achieving surface roughness <1nm RMS with excellent thickness tolerances and low total thickness variation (TTV). SCHOTT D263® T eco glass has high chemical resistance and environmental durability and is an excellent alternative to plastic in automotive and electronics applications requiring lightweight optics. SCHOTT D263® T eco Windows are ideal for use as cover glass for resistive touch panels, substrates for capacitive touch sensors, or as substrates for optical filters used in mobile devices or LiDAR units.

Technical Information



Custom

Edmund Optics offers comprehensive custom manufacturing services for optical and imaging components tailored to your specific application requirements. Whether in the prototyping phase or preparing for full-scale production, we provide flexible solutions to meet your needs. Our experienced engineers are here to assist—from concept to completion.

Our capabilities include:

- Custom dimensions, materials, coatings, and more
- High-precision surface quality and flatness
- Tight tolerances and complex geometries
- Scalable production—from prototype to volume

Learn more about our **custom manufacturing capabilities** or submit an inquiry **here.**

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