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2.5 OD, 25mm Dia., Precision Anti-Reflection (AR) Coated Absorptive ND Filter



Precision Absorptive Neutral Density (ND) Filters

Stock #16-071 **11 In Stock**

MRP ₹11,805

Price inclusive of all taxes

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Volume Pricing	
Qty 1-10	₹11,805 each
Qty 11-25	₹10,694 each
Qty 26-49	₹9,635 each
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General

Neutral Density Filter **Type:**

Physical & Mechanical Properties

25.00 **Diameter (mm):**

Thickness (mm):

2.44 (nominal)

90 Clear Aperture (%)

<30 Parallelism (arcsec)

Optical Properties

2.5 ±10% @550nm Optical Density OD (Average)

SCHOTT NG3 Glass/Filter Number

ND Filter Glass Substrate

BBAR (450-700nm) Coating

1.51 Index of Refraction (n_d)

80-50 Surface Quality

0.32 Transmission (%)

400 - 700 Blocking Wavelength Range (nm)

λ/4 Transmitted Wavefront, P-V

R_{avg} ≤1.0% @450 - 700nm @0° Coating Specification

Material Properties

462 Transformation Temperature (°C)

Regulatory Compliance

Compliant RoHS 2015

View Certificate of Conformance

Compliant REACH 241

United States Country of Origin

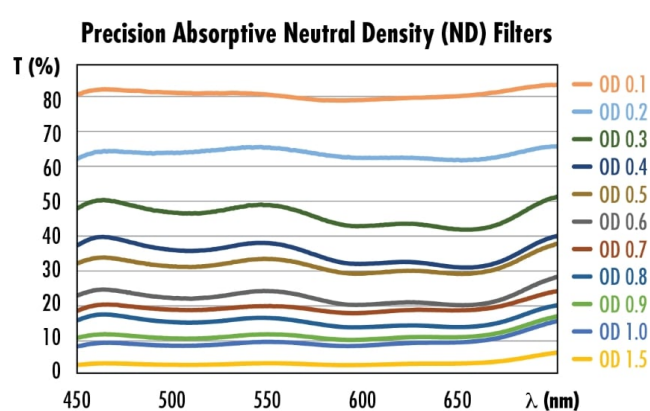
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Product Details

- λ/4 Transmitted Wavefront Distortion
- AR Coated for 450 - 700nm
- Optical Densities from 0.1 to 4.0 Available
- [Absorptive Neutral Density \(ND\) Filters](#) Also Available

Precision Anti-Reflection (AR) Coated Absorptive Neutral Density (ND) Filters feature SCHOTT NG Colored Glass substrates that are polished to achieve a transmitted wavefront distortion (TWFD) specification of λ/4. These filters are coated on both surfaces with an anti-reflection (AR) coating from 450 - 700nm, reducing back reflections and enabling filter stacking with less losses and artifacts. Precision Anti-Reflection (AR) Coated Absorptive Neutral Density (ND) Filters are available with optical densities from 0.1 to 4.0 and can be stacked together to achieve custom optical densities to meet application requirements. These neutral density filters are available in 25mm diameter or 50mm square sizes and are ideal for machine vision, imaging, or low power laser applications.

Technical Information





Compatible Mounts

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