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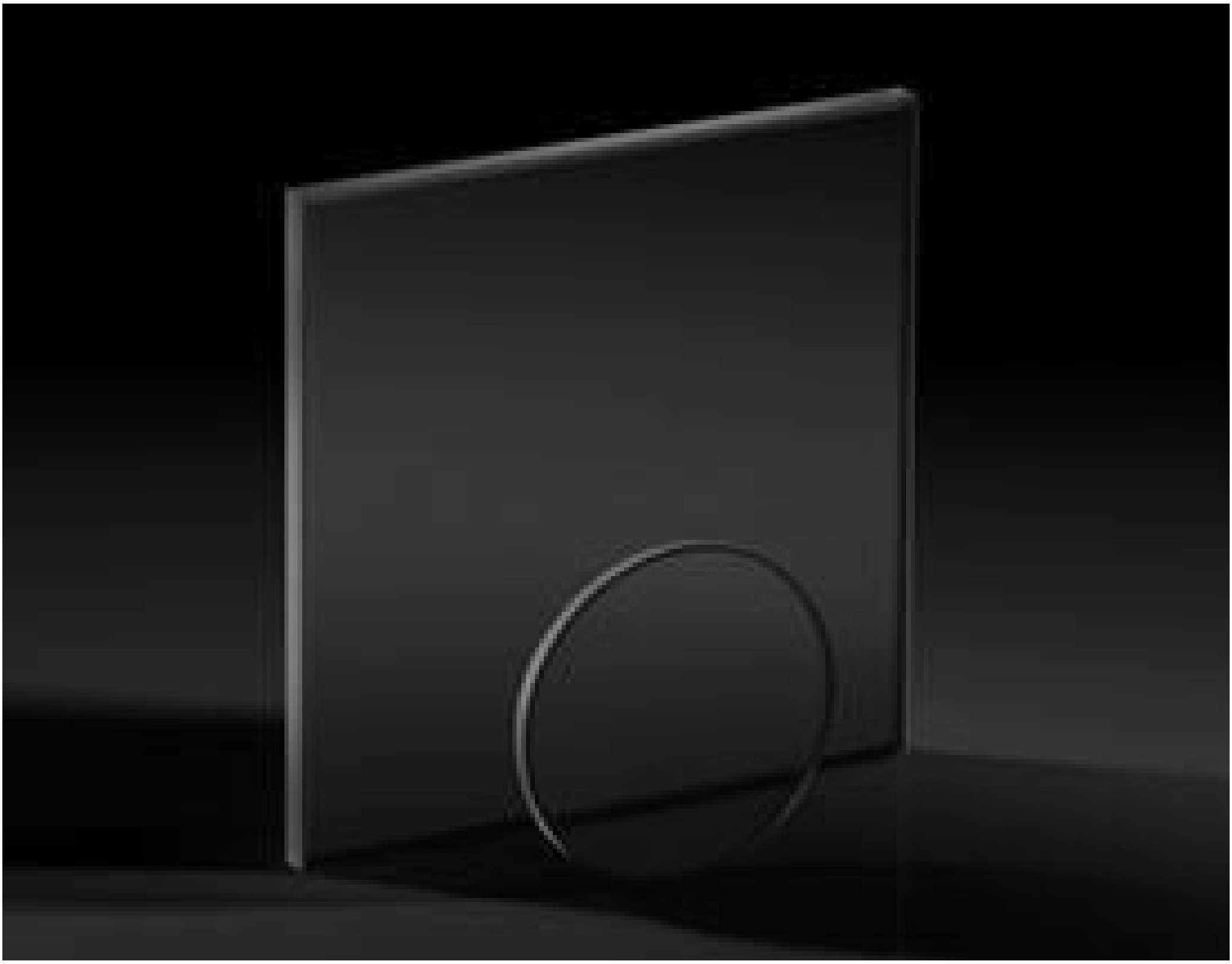
0.9 OD, 25mm Dia., Precision Anti-Reflection (AR) Coated Absorptive ND Filter



Precision Absorptive Neutral Density (ND) Filters

Stock **#16-063** **2 In Stock**

- 1 +

A$187.20

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Volume Pricing	
Qty 1-10	**A$187.20** each
Qty 11-25	**A$169.60** each
Qty 26-49	**A$152.80** each
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General

Type:

Neutral Density Filter

Physical & Mechanical Properties

Diameter (mm):

25.00

Thickness (mm):

1.75 (nominal)

Clear Aperture (%):
90

Parallelism (arcsec):
<30

Optical Properties

Optical Density OD (Average):
0.9 ±10% @ 550nm

Glass/Filter Number:
SCHOTT NG4

Substrate:
ND Filter Glass

Coating:
BBAR (450-700nm)

Index of Refraction (n_d):
1.51

Surface Quality:
80-50

Transmission (%):
12.59

Blocking Wavelength Range (nm):
400 - 700

Transmitted Wavefront, P-V:
λ/4

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

Material Properties

Transformation Temperature (°C):
483

Regulatory Compliance

RoHS 2015:
Compliant

Certificate of Conformance:
View

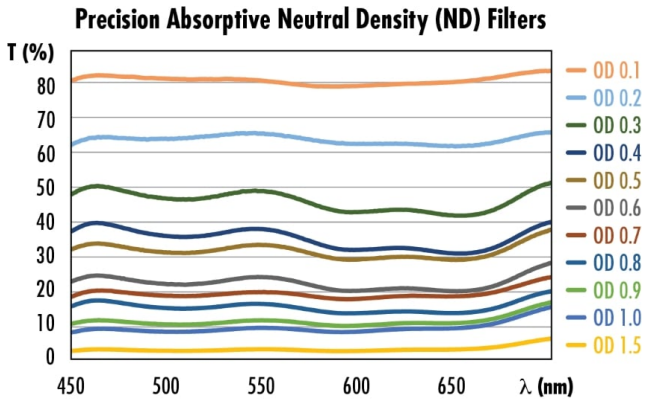
REACH 241:
Compliant

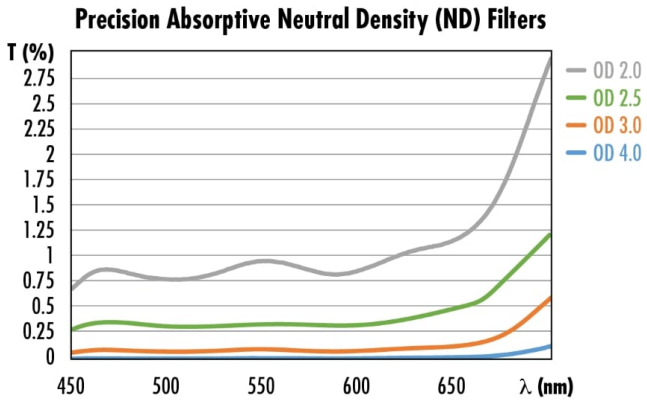
Product Details

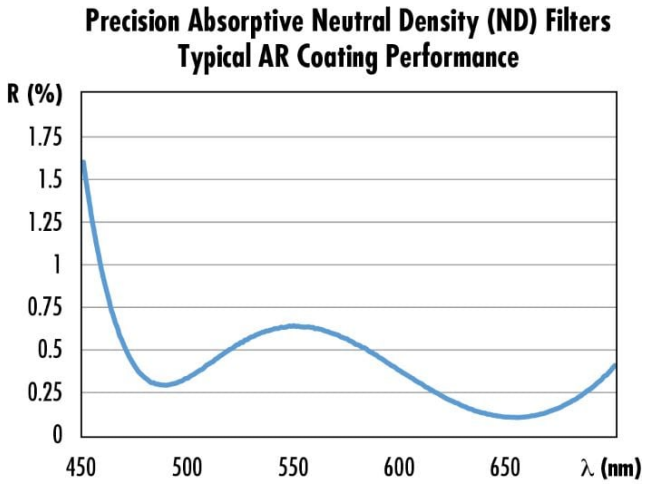
- λ/4 Transmitted Wavefront Distortion
- AR Coated for 450 - 700nm
- Optical Densities from 0.1 to 4.0 Available
- Absorptive Neutral Density (ND) Filters Also Available

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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