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OD 3.0 NIR, 12.5mm Dia. Non-Reflective ND Filter



Non-Reflective Neutral Density (ND) Filters

Stock **#63-405** **20+ In Stock**

-

1

+

£102⁴⁰

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Volume Pricing	
Qty 1-10	£102.40 each
Qty 11-25	£92.80 each
Qty 26-49	£88.00 each
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i Prices shown are exclusive of VAT/local taxes

Product Downloads

General

Type:

Neutral Density Filter

Physical & Mechanical Properties

Diameter (mm):

12.50 ±0.10

Thickness (mm):

1.50 ±0.1	
<5	Parallelism (arcmin):
90.00	Clear Aperture (%):
Optical Properties	
3.0	Optical Density OD (Average):
B270	Substrate: ☐
Non-Reflective ND	Coating:
≤1.5	Reflection (%):
60-40	Surface Quality:
0.10	Transmission (%):
±0.05	Transmission Tolerance (%):
2λ	Surface Accuracy:
700 - 1200	Wavelength Range (nm):
Regulatory Compliance	
Compliant	RoHS 2015:
Compliant	Reach 219:
View	Certificate of Conformance:

Product Details

- Prevent Unwanted Reflection Towards the Light Source
- Spectrally Flat
- VIS and NIR Ranges Available

Non-Reflective Neutral Density (ND) Filters are designed to evenly attenuate a light source while preventing unwanted back reflections. Aproprietary coating design minimizes reflection to less than 2%, while maintaining high neutrality over the entire designed spectral range. Non-Reflective Neutral Density (ND) Filters feature a B270 substrate and are offered in diameters of 12.5 or 25mm and a 1.5mm thickness. Available for visible applications from 400-700nm or NIR applications from 700-1200nm, the filters are ideal for limiting the transmission of broadband halogen, fluorescent, and tungsten sources, as well as low power lasers.

Note: Due to supply chain issues, our kits may be delivered with an alternative packaging solution in place of a wooden box. For any questions, please contact kits@edmundoptics.com.

Non-Reflective Neutral Density Filter Kits

Each kit includes 10 filters in optical density values of 0.3, 0.5, 0.6, 0.9, 1.0, 1.3, 1.5, 2.0, 2.5, and 3.0. The kits are ideal for determining precise system optical density requirements.

Custom densities are available for OEM applications.

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](#).

Compatible Mounts
