

[See all 33 Products in Family](#)

TECHSPEC® 1.5 OD 12.5mm Dia UV-NIR ND Filter



UV-NIR Neutral Density Filters

Stock **#88-268** **9 In Stock**

⊖ 1 ⊕ C\$201⁰⁰

ADD TO CART

Volume Pricing	
Qty 1-5	C\$201.60 each
Qty 6-25	C\$161.00 each
Qty 26-49	C\$151.20 each
Need More?	Request Quote

Product Downloads

General

Neutral Density Filter **Type:**

Physical & Mechanical Properties

12.50 +0.0/-0.2 **Diameter (mm):**

1.50 ±0.10 **Thickness (mm):**

80.00 Clear Aperture (%):

<5 Parallelism (arcsec):

Optical Properties

1.5 Optical Density OD (Average):

Fused Silica (Corning 7980) Substrate:

Metallic Based ND Coating:

40-20 Surface Quality:

3.2 Transmission (%):

190 - 1700 Blocking Wavelength Range (nm):

$\lambda/4$ Transmitted Wavefront, P-V:

± 10 Optical Density Tolerance (%):

Regulatory Compliance

Compliant RoHS 2015:

View Certificate of Conformance:

Compliant REACH 241:

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](#).

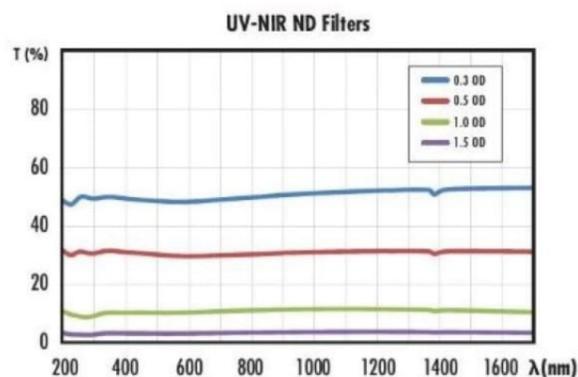
Product Details

- Constant Transmission from 190 – 1700nm
- Can be Stacked to Create Intermediate Density Values
- Multiple Optical Densities Available

TECHSPEC® UV-NIR Neutral Density (ND) Filters are used to attenuate light from the ultraviolet to the near-infrared. TECHSPEC® UV-NIR ND Filters feature excellent parallelism with superior surface characteristics to provide constant, ultra-broadband performance from 190 – 1700nm. These ND filters are ideal for a range of applications including spectroscopy, machine vision, or ellipsometry, or for use with low power lasers. TECHSPEC® UV-NIR Neutral Density (ND) Filters can be stacked to obtain a range of optical densities.

Note: UV-NIR Neutral Density Filter kit includes all optical densities. Filter coating is fragile and should be handled with care. Use non-contact cleaning methods only.

Technical Information



Special Handling

These optics require special handling to avoid damage and ensure long-term performance. Proper handling, cleaning, and storage are essential to maintain optical quality. Explore our [Optics Cleaning Resources](#) for step-by-step guides and best practices. For personalized assistance, [Email us](#) or [Chat](#) with our technical support team.



Component Handling Tools

Compatible Mounts
