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**TECHSPEC® NIR ND Filter Kit, 12.5mm Dia Filters**



Stock #47-843 [CONTACT US](#)

- 1 + S\$889<sup>00</sup>

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**General**

**Filters Included :**  
0.3, 0.5, 1.0, 1.3, 1.5, 2.0, 2.5, 3.0

**Type:**  
Neutral Density Filter

**Number of Filters:**  
8.00

**Physical & Mechanical Properties**

**Diameter (mm):**  
12.50

## Optical Properties

Metallic Based ND

Coating:

## Regulatory Compliance

[View](#)

Certificate of Conformance:

## Product Details

### TECHSPEC® NIR Reflective Neutral Density Filter Kit

Each kit includes 8 filters in optical density values of 0.3, 0.5, 1.0, 1.3, 1.5, 2.0, 2.5, and 3.0. The kit is ideal for determining precise system optical density requirements. Custom densities are available for OEM applications.

- Ideal for NIR Wavelengths 700-1100nm
- Optical Densities Ranging from 0.3 to 3.0

TECHSPEC® Near-IR (NIR) Neutral Density (ND) Filters feature a spectrally flat region between 700 and 1100nm, outstanding parallelism, and exceptional surface characteristics. The combination of high tolerance and broadband performance makes our filters ideal for attenuating a wide range of IR sources. The UV Fused Silica substrate features a low coefficient of thermal expansion and excellent surface quality, making these filters suitable for attenuating low power lasers, including lasers at the 1064nm Nd:YAG wavelength. Other applications include NIR spectroscopy, machine vision, and analytical chemistry. TECHSPEC Near-IR (NIR) Neutral Density (ND) Filters may be stacked to obtain a variety of optical densities. Orient the mirrored side toward the source at a 0° angle of incidence. Optical Densities of 0.5, 1.0, 1.5, 2.0, 2.5, and 3.0 are available in a [Pre-Loaded Filter Wheel](#).

**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](mailto:kits@edmundoptics.com).

## Technical Information

