

TECHSPEC<sup>®</sup> 0.6 OD 50mm Dia UV-NIR ND Filter



UV-NIR Neutral Density Filters

Stock **#19-300** **11 In Stock**

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1

+

C\$431<sup>20</sup>

ADD TO CART

| Volume Pricing |                               |
|----------------|-------------------------------|
| Qty 1-5        | C\$431.20 each                |
| Qty 6-25       | C\$343.00 each                |
| Qty 26-49      | C\$323.40 each                |
| Need More?     | <a href="#">Request Quote</a> |

Product Downloads

| General                          |                 |
|----------------------------------|-----------------|
| Neutral Density Filter           | Type:           |
| Physical & Mechanical Properties |                 |
| 50.00 +0.0/-0.2                  | Diameter (mm):  |
| 5.00 ±0.10                       | Thickness (mm): |

|                             |                                     |
|-----------------------------|-------------------------------------|
| 80.00                       | Clear Aperture (%):                 |
| <5                          | Parallelism (arcsec):               |
| Optical Properties          |                                     |
| 0.6                         | Optical Density OD (Average):       |
| Fused Silica (Corning 7980) | Substrate: <input type="checkbox"/> |
| Metallic Based ND           | Coating:                            |
| 40-20                       | Surface Quality:                    |
| 25.0                        | Transmission (%):                   |
| 190 - 1700                  | Blocking Wavelength Range (nm):     |
| λ/4                         | Transmitted Wavefront, P-V:         |
| ±10                         | Optical Density Tolerance (%):      |

|                       |                             |
|-----------------------|-----------------------------|
| Regulatory Compliance |                             |
| Compliant             | RoHS 2015:                  |
| View                  | Certificate of Conformance: |
| Compliant             | REACH 241:                  |

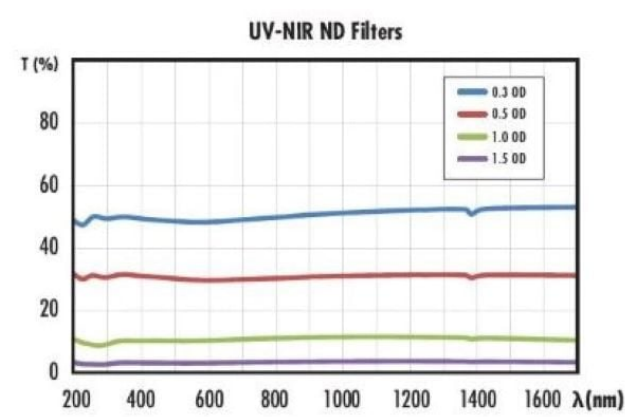
## Product Details

- 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

## 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

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