

[All Products](#) / [Optics](#) / [Optical Filters](#) / [Neutral Density \(ND\) Filters](#)

## Variable Neutral Density (ND) Machine Vision Filters



- Continuous Attenuation of Illumination Intensity
- Ideal for the Visible Spectrum
- Variety of Common Machine Vision Threads Available
- [Mounted Absorptive Neutral Density \(ND\) Filters](#) Also Available

### Common Specifications

#### General

**Note:** AR Coated

#### Optical Properties

**Optical Density OD (Average):** 0.5 - 4.0 @ 550 - 650nm

**Substrate:** Polymer Film XP42

**Blocking Wavelength Range (nm):** 400 - 700

**Coating Specification:**  $R_{avg} \leq 2\%$  @ 400 - 700nm

#### Threading & Mounting

**Mount Thickness (mm):** 5.85

**Mount Thickness Including Threads (mm):** 7.85

## Technical Information

## Products

| Filter Thread | Optical Density OD (Average) | Stock Number            | Price                                                       | Buy        |
|---------------|------------------------------|-------------------------|-------------------------------------------------------------|------------|
| M58 x 0.75    | 0.5 - 4.0 @ 550 - 650nm      | <a href="#">#16-079</a> | €81,37 <del>€162,74</del><br><a href="#">Volume Pricing</a> | 4 In Stock |
| M67 x 0.75    | 0.5 - 4.0 @ 550 - 650nm      | <a href="#">#16-080</a> | €178,19<br><a href="#">Volume Pricing</a>                   | 6 In Stock |
| M77 x 0.75    | 0.5 - 4.0 @ 550 - 650nm      | <a href="#">#16-081</a> | €195,70<br><a href="#">Volume Pricing</a>                   | 2 In Stock |
| M82 x 0.75    | 0.5 - 4.0 @ 550 - 650nm      | <a href="#">#16-082</a> | €211,15<br><a href="#">Volume Pricing</a>                   | 3 In Stock |



Copyright 2023 | Edmund Optics, Ltd Unit 1, Opus Avenue, Nether Poppleton, York, YO26 6BL, UK

Phone: 1-800-363-1992 :

[www.edmundoptics.com](http://www.edmundoptics.com)