

[See all 4 Products in Family](#)

## M77 x 0.75 Variable Neutral Density (ND) Filters



Variable Neutral Density (ND) Machine Vision Filter

Stock **#16-081** **5 In Stock**

1  MRP ₹20,885

 Price inclusive of all taxes

**ADD TO CART**

### Volume Pricing

Qty 1-9	₹20,885 each
Qty 10-25	₹19,371 each
Need More?	<a href="#">Request Quote</a>

### Product Downloads

#### General

Neutral Density Filter **Type:**

AR Coated **Note:**

#### Physical & Mechanical Properties

72.5 **Clear Aperture CA (mm):**

72.5 **Clear Aperture (%)**:

## 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<sub>avg</sub> ≤ 2% @ 400 - 700nm

## Threading & Mounting

**Filter Thread:**  
M77 x 0.75

**Mount Thickness (mm):**  
5.85

**Mount Diameter (mm):**  
80 ± 0.2

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

## Regulatory Compliance

**Certificate of Conformance:**  
[View](#)

**Country of Origin:**  
Japan

**Imported By:**  
Edmund Optics India Private Limited  
267, Greystone Building, Second Floor,  
6th Cross Rd, Binnamangala,  
Stage 1, Indiranagar, Bengaluru,  
Karnataka, India 560038  
Phone: +91- 80-6845 0000

## Product Details

- 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

Variable Neutral Density (ND) Machine Vision Filters are designed for continuous attenuation of illumination intensity across the visible spectrum. Consisting of two linear polarizers (XP42) in an aluminum mount, one polarizer can be rotated with respect to the other and the transmitted light intensity can be adjusted. Variable Neutral Density (ND) Machine Vision Filters are available with common imaging lens filter threads to allow easy integration into machine vision or photography applications.