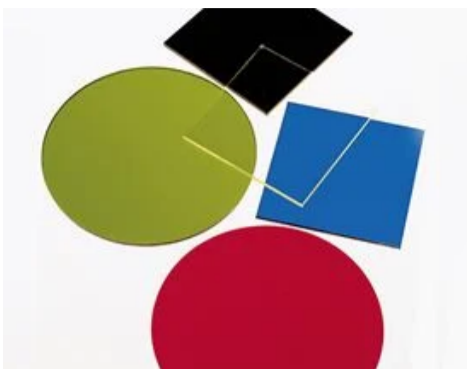


# 2" x 2" Green Optical Cast Plastic Filter



Stock #43-934 **20+ In Stock**

1 MRP ₹2,296

Price inclusive of all taxes

**ADD TO CART**

Volume Pricing	
Qty 1-49	₹2,296 each
Qty 50-99	₹2,069 each
Qty 100-249	₹1,867 each
Need More?	<a href="#">Request Quote</a>

Product Downloads

- STEP:step
- Curve:pdf
- PDF Drawing:pdf
- IGES:igs
- eDrawing:eprt
- EO Spec Sheet
- [Download All](#)

General	
<b>Type:</b>	Color Filter
Physical & Mechanical Properties	
<b>Dimensions (mm):</b>	50.8 x 50.8
<b>Length (mm):</b>	50.80
<b>Dimensions (inches):</b>	2 x 2
<b>Thickness (mm):</b>	1.50
<b>Width (mm):</b>	50.80
<b>Dimensional Tolerance (mm):</b>	±0.3
Optical Properties	
<b>Substrate:</b> <small> ⓘ</small>	Thermoset ADC (CR-39®)
<b>Coating:</b>	Uncoated
<b>Color:</b>	Green
<b>Index of Refraction (n<sub>d</sub>):</b>	1.501
<b>Transmission (%):</b>	>20
<b>Abbe Number (v<sub>d</sub>):</b>	57.00
Material Properties	
<b>Density (g/cm<sup>3</sup>):</b>	1.320 at 25°
Environmental & Durability Factors	
<b>Operating Temperature (°C):</b>	100 Continuous, 130 for 1 Hour

## Regulatory Compliance

RoHS 2015: <b>Compliant</b>	Certificate of Conformance: <b>View</b>
Reach 242: <b>Compliant</b>	
Country of Origin: United States	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

## Need different specs or modifications?

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](#).

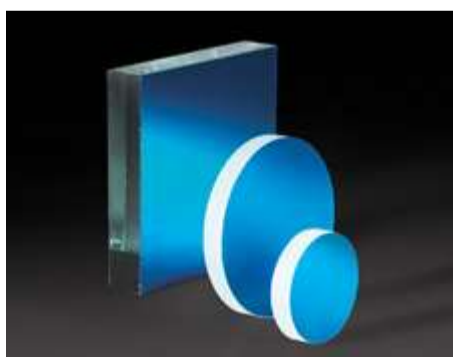
## Product Details

- Resistant to All Types of Chemicals and Solvents (Acetone, Acids, Alkali and Alcohols)
- Excellent Thermal Resistance
- Easily Drilled with High Speed Carbide Bits for Mounting

Optical Cast Plastic Color Filters have excellent thermal resistance. Traditionally, the limitations of plastic materials have made them unsuitable for demanding optical applications. However, advancement in plastic technology has produced filters with properties that can satisfy a variety of optical and environmental needs—and at half the weight of glass. Optical Cast Plastic Color Filters are ideal for use as environmental displays and filters. These filters, with their Thermoset ADC substrate, are also available in custom sizes, shapes, colors, and styles for qualified high volume OEM applications.

## Technical Information

## Frequently Purchased Together



#31-495 - 32 x 32mm Laser Diode Mirror  
₹3,228

Qty



#32-590 - 3.0" x 3.0", 2.6" Focal Length, Fresnel Lens  
₹5,095

Qty



#32-327 - 25mm Dia. x 100mm FL, MgF<sub>2</sub> Coated, Achromatic Doublet Lens  
₹12,309

Qty















#32-741 - 48 x 84mm AR Coated Float Glass Window  
₹3,002

Qty



## Compatible Mounts

	Title	Type	Compare	Stock Number	Price	Buy
<a href="#">MORE+</a> 	40mm Sq., Fixed Filter Holder	Fixed		#54-997	₹9,433 <a href="#">Request Quote</a>	16 In Stock <input type="text" value="1"/> 
<a href="#">MORE+</a> 	Filter Kinematic Mount, 2-Screw	Adjustable - Tip-Tilt		#58-874	₹12,309 <a href="#">Request Quote</a>	17 In Stock <input type="text" value="1"/> 
<a href="#">MORE+</a> 	60mm sq - Rectangular Bar Clamp	Fixed		#54-995	₹12,712 <a href="#">Request Quote</a>	20+ In Stock <input type="text" value="1"/> 
<a href="#">MORE+</a> 	Filter Kinematic Mount, 3-Screw	Adjustable - Tip-Tilt		#58-875	₹13,923 <a href="#">Request Quote</a>	6 In Stock <input type="text" value="1"/> 
<a href="#">MORE+</a> 	50/50.8mm Sq. Kinematic Mount, 2 Screws	Adjustable - Tip-Tilt		#58-858	₹14,428 <a href="#">Request Quote</a>	1 In Stock <input type="text" value="1"/> 
<a href="#">MORE+</a> 	50/50.8mm Sq. Kinematic Mount, 3 Screws	Adjustable - Tip-Tilt		#58-861	₹15,840 <a href="#">Request Quote</a>	20+ In Stock <input type="text" value="1"/> 

Check out our full selection of mounts [here](#).

## Resources

### Media Type

- Application Note
- Video
- Published Article
- FAQ
- Glossary
- Trending in Optics

**APPLICATION NOTE**

The Importance of Optical Filter Orientation....

**APPLICATION NOTE**

Custom Bandpass Filter using Shortpass an...

**VIDEO**

Optical Filters Review

**VIDEO**

Optical Filter Coatings: Comparison of Traditional a...

**PUBLISHED ARTICLE**

Selecting Color Filter Glass for Life Science Applications

**FAQ**

What type of material should I look for in a filter?

[View More](#)