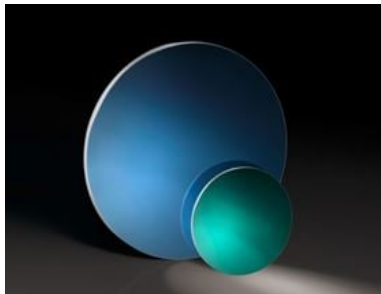


[All Products](#) / [Optics](#) / [Optical Filters](#) / [Longpass Filters](#)

## Colored Glass Replacement Longpass Filters

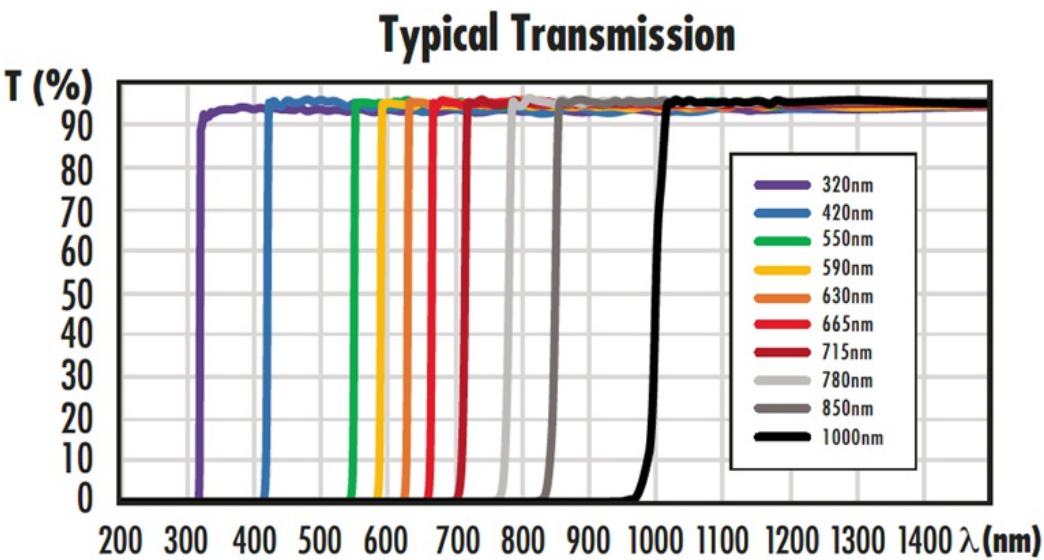


- Dielectric Coated Longpass Filters
- >90% Typical Transmission and >OD5 Blocking
- 100% Environmentally Safe, RoHS Compliant Construction
- Cut-On Wavelengths from 320 to 1000nm

### Common Specifications

| Physical & Mechanical Properties   |                                                                 |                     |               |
|------------------------------------|-----------------------------------------------------------------|---------------------|---------------|
| Thickness (mm):                    | 1.10 ±0.10                                                      | Clear Aperture (%): | 90            |
| Physical Durability:               | MIL-C-48497                                                     |                     |               |
| Optical Properties                 |                                                                 |                     |               |
| Optical Density OD (Average):      | ≥5.0                                                            |                     |               |
| Substrate:                         | <a href="#">BOROFLOAT®</a>                                      | Coating:            | Dielectric    |
| Surface Quality:                   | 80-50                                                           | Transmission (%):   | >90 (typical) |
| Wavelength Range (nm):             | 200 - 2500                                                      |                     |               |
| Environmental & Durability Factors |                                                                 |                     |               |
| Operating Temperature (°C):        | -100 to +400                                                    |                     |               |
| Environmental Durability:          | MIL-STD-810, Method 507.3, Procedure III, Modified to 40 cycles |                     |               |

Technical Information





Products

| Dia.<br>(mm) | Cut-On<br>Wavelength<br>(nm) | Thickness<br>(mm) | Rejection<br>Wavelength<br>(nm) | Transmission<br>Wavelength<br>(nm) | Wavelength<br>Range (nm) | Stock<br>Number         | Price                                    | Buy          |
|--------------|------------------------------|-------------------|---------------------------------|------------------------------------|--------------------------|-------------------------|------------------------------------------|--------------|
| 12.70        | 320.00                       | 1.10              | 200 - 300                       | 335 - 2500                         | 200 - 2500               | <a href="#">#15-444</a> | ₹3,425<br><a href="#">Volume Pricing</a> | 20+ In Stock |
| 12.70        | 420.00                       | 1.10              | 200 - 390                       | 440 - 2500                         | 200 - 2500               | <a href="#">#15-445</a> | ₹3,425<br><a href="#">Volume Pricing</a> | Contact Us   |
| 12.70        | 550.00                       | 1.10              | 200 - 515                       | 570 - 2500                         | 200 - 2500               | <a href="#">#15-446</a> | ₹3,425<br><a href="#">Volume Pricing</a> | 20+ In Stock |
| 12.70        | 590.00                       | 1.10              | 200 - 555                       | 610 - 2500                         | 200 - 2500               | <a href="#">#15-447</a> | ₹3,425<br><a href="#">Volume Pricing</a> | 7 In Stock   |
| 12.70        | 630.00                       | 1.10              | 200 - 595                       | 650 - 2500                         | 200 - 2500               | <a href="#">#15-448</a> | ₹3,425<br><a href="#">Volume Pricing</a> | 1 In Stock   |
| 12.70        | 665.00                       | 1.10              | 200 - 630                       | 685 - 2500                         | 200 - 2500               | <a href="#">#15-449</a> | ₹3,425<br><a href="#">Volume Pricing</a> | 2 In Stock   |
| 12.70        | 715.00                       | 1.10              | 200 - 665                       | 735 - 2500                         | 200 - 2500               | <a href="#">#15-450</a> | ₹3,425<br><a href="#">Volume Pricing</a> | 14 In Stock  |
| 12.70        | 780.00                       | 1.10              | 200 - 710                       | 800 - 2500                         | 200 - 2500               | <a href="#">#15-451</a> | ₹3,425<br><a href="#">Volume Pricing</a> | 17 In Stock  |
| 12.70        | 850.00                       | 1.10              | 200 - 775                       | 870 - 2500                         | 200 - 2500               | <a href="#">#15-452</a> | ₹3,425<br><a href="#">Volume Pricing</a> | 5 In Stock   |
| 12.70        | 1,000.00                     | 1.10              | 200 - 860                       | 1035 - 2500                        | 200 - 2500               | <a href="#">#15-453</a> | ₹3,425<br><a href="#">Volume Pricing</a> | 20+ In Stock |
| 25.40        | 320.00                       | 1.10              | 200 - 300                       | 335 - 2500                         | 200 - 2500               | <a href="#">#15-454</a> | ₹4,321<br><a href="#">Volume Pricing</a> | 5 In Stock   |
| 25.40        | 420.00                       | 1.10              | 200 - 390                       | 440 - 2500                         | 200 - 2500               | <a href="#">#15-455</a> | ₹4,321<br><a href="#">Volume Pricing</a> | 8 In Stock   |
| 25.40        | 550.00                       | 1.10              | 200 - 515                       | 570 - 2500                         | 200 - 2500               | <a href="#">#15-456</a> | ₹4,321<br><a href="#">Volume Pricing</a> | 12 In Stock  |
| 25.40        | 590.00                       | 1.10              | 200 - 555                       | 610 - 2500                         | 200 - 2500               | <a href="#">#15-457</a> | ₹4,321<br><a href="#">Volume Pricing</a> | 14 In Stock  |
| 25.40        | 630.00                       | 1.10              | 200 - 595                       | 650 - 2500                         | 200 - 2500               | <a href="#">#15-458</a> | ₹4,321<br><a href="#">Volume Pricing</a> | 5 In Stock   |
| 25.40        | 665.00                       | 1.10              | 200 - 630                       | 685 - 2500                         | 200 - 2500               | <a href="#">#15-459</a> | ₹4,321<br><a href="#">Volume Pricing</a> | 7 In Stock   |
| 25.40        | 715.00                       | 1.10              | 200 - 665                       | 735 - 2500                         | 200 - 2500               | <a href="#">#15-460</a> | ₹4,321<br><a href="#">Volume Pricing</a> | 12 In Stock  |
| 25.40        | 780.00                       | 1.10              | 200 - 710                       | 800 - 2500                         | 200 - 2500               | <a href="#">#15-461</a> | ₹4,321<br><a href="#">Volume Pricing</a> | 13 In Stock  |
| 25.40        | 850.00                       | 1.10              | 200 - 775                       | 870 - 2500                         | 200 - 2500               | <a href="#">#15-462</a> | ₹4,321<br><a href="#">Volume Pricing</a> | 20+ In Stock |
| 25.40        | 1,000.00                     | 1.10              | 200 - 860                       | 1035 - 2500                        | 200 - 2500               | <a href="#">#15-463</a> | ₹4,321<br><a href="#">Volume Pricing</a> | 8 In Stock   |



Copyright 2023, Edmund Optics India Private Limited, #267, Greystone Building, Second Floor, 6th Cross Rd, Binnamangala, Stage 1, Indiranagar, Bengaluru, Karnataka, India 560038

Phone: 1-800-363-1992 :

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