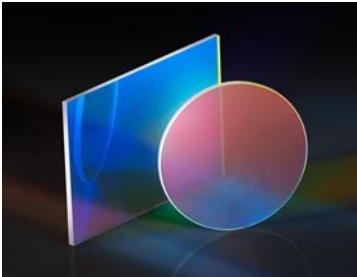


TECHSPEC®

Fluorescence Dichroic Filters

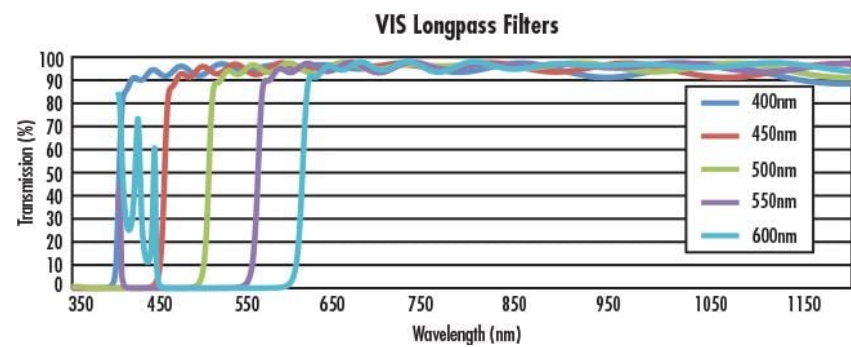
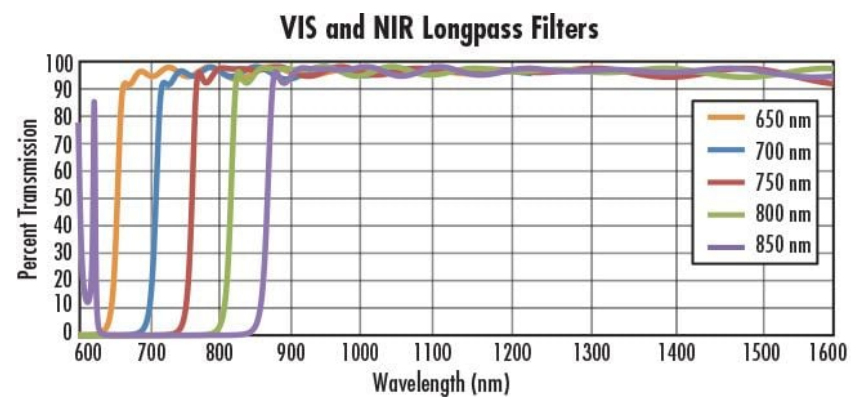
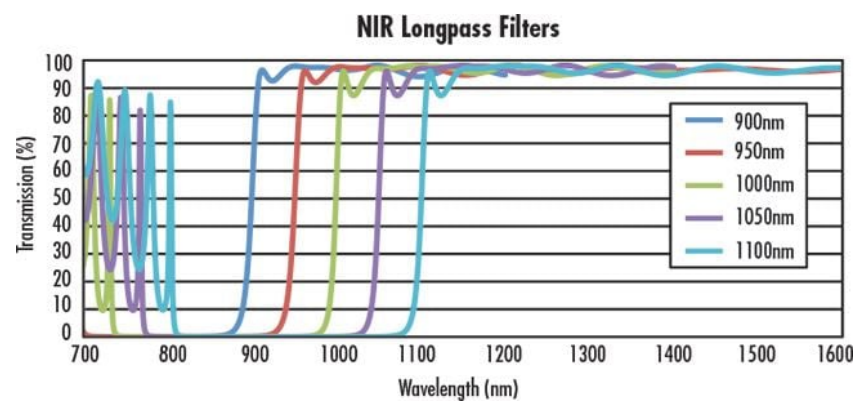


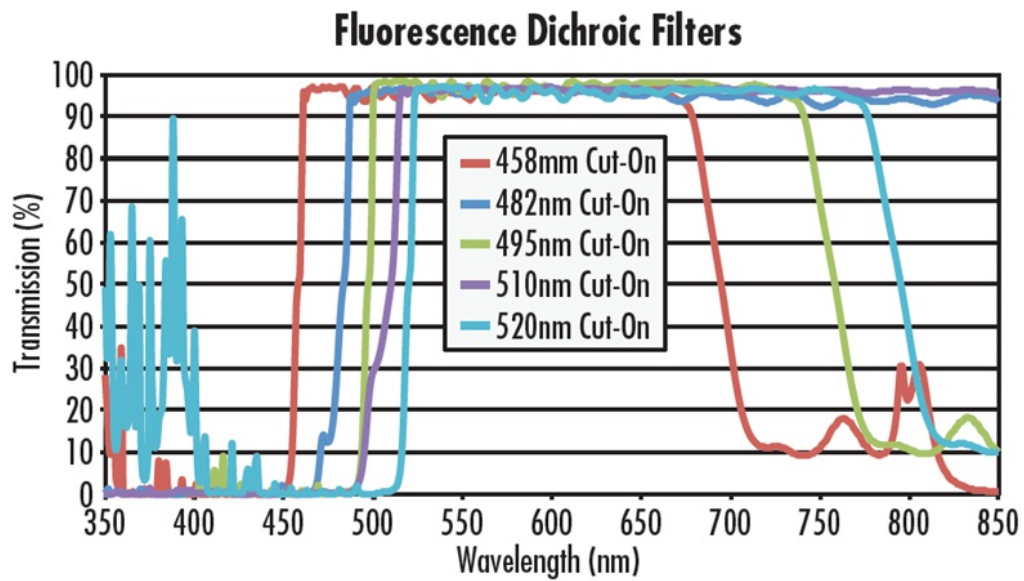
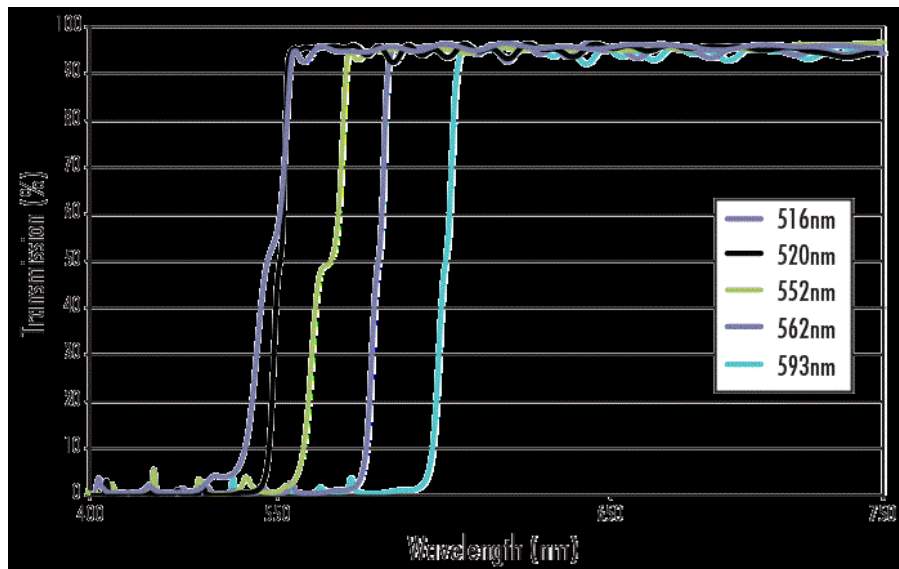
- Ideal for Fluorescence or Multispectral Imaging
- Sharp Transition from Reflection to Transmission
- Extended Reflection and Transmission Bands
- [High Performance Fluorescence Dichroic Filters](#) are also available

Common Specifications

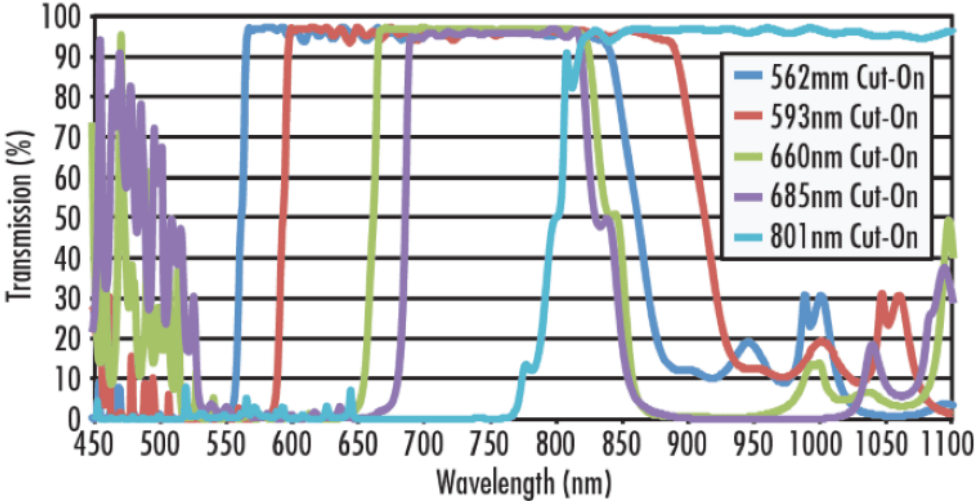
Physical & Mechanical Properties			
Thickness (mm):	1.05	Thickness Tolerance (mm):	±0.1
Dimensional Tolerance (mm):	+0.0/-0.2	Physical Durability:	Adhesion per MIL-PRF-13830B, Section C.4.5.12 Moderate abrasion per MIL-PRF-13830B, Section C.4.5.11 Cleaning per MIL-C-48497A Section 4.5.4.2
Optical Properties			
Angle of Incidence (°):	45	Substrate:	Fused Silica (Corning 7980)
Coating:	Hard Coated	Reflection (%):	98.00 (average)
Surface Quality:	60-40	Transmission (%):	90.00 (average)
Transmitted Wavefront, RMS:	1λ		
Environmental & Durability Factors			
Environmental Durability:		Humidity per MIL-STD-810H, Section 507.6 Temperature per MIL-STD-810H, Section 501.7 and 502.7	

Technical Information





Fluorescence Dichroic Filters



Products

Dimensions (mm)	Dia. (mm)	Cut-On Wavelength (nm)	Thickness (mm)	Reflection Wavelength (nm)	Transmission Wavelength (nm)	Stock Number	Price	Buy
12.5 x 17.6	-	409.00	1.05	325 - 404	415 - 850	#86-316	€192,00 Qty 6+ €150,00	In Stock
25.2 x 35.6	-	409.00	1.05	325 - 404	415 - 850	#86-330	€252,00 Qty 6+ €199,00	In Stock
12.5 x 17.6	-	435.00	1.05	325 - 425	444 - 850	#87-055	€192,00 Qty 6+ €150,00	3-4 days
25.2 x 35.6	-	435.00	1.05	325 - 425	444 - 850	#87-063	€252,00 Qty 6+ €199,00	In Stock
#67-054 Clearance								
-	12.50	458.00	1.05	415 - 450	467 - 600	x Clearance Availability is limited, so buy before these products disappear. Sorry, we cannot accept returns. Receive up to 80% off select products.	€72,00	3-4 days
12.5 x 17.6	-	458.00	1.05	415 - 450	467 - 600	#67-062	€192,00 Qty 6+ €150,00	3-4 days
25.2 x 35.6	-	458.00	1.05	415 - 450	467 - 600	#67-078	€252,00 Qty 6+ €199,00	3-4 days
12.5 x 17.6	-	482.00	1.05	350 - 470	490 - 850	#86-317	€192,00 Qty 6+ €150,00	3-4 days
25.2 x 35.6	-	482.00	1.05	350 - 470	490 - 850	#86-331	€252,00 Qty 6+ €199,00	3-4 days
12.5 x 17.6	-	495.00	1.05	435 - 488	502 - 730	#67-063	€192,00 Qty 6+ €150,00	3-4 days
25.2 x 35.6	-	495.00	1.05	435 - 488	502 - 730	#67-079	€252,00 Qty 6+ €199,00	In Stock
12.5 x 17.6	-	506.00	1.05	440 - 500	513 - 730	#67-064	€192,00 Qty 6+ €150,00	3-4 days
25.2 x 35.6	-	506.00	1.05	440 - 500	513 - 730	#67-080	€252,00 Qty 6+ €199,00	In Stock

12.5 x 17.6	-	510.00	1.05	350 - 488	515 - 850	#86-318	€192,00 Qty 6+ €150,00	3-4 days
25.2 x 35.6	-	510.00	1.05	350 - 488	515 - 850	#86-332	€252,00 Qty 6+ €199,00	3-4 days
#86-312 Clearance								
× Clearance Availability is limited, so buy before these products disappear. Sorry, we cannot accept returns. Receive up to 80% off select products.								
-	12.50	516.00	1.05	350 - 510	520 - 850		€72,00	3-4 days
12.5 x 17.6	-	516.00	1.05	350 - 510	520 - 850	#86-319	€192,00 Qty 6+ €150,00	3-4 days
25.2 x 35.6	-	516.00	1.05	350 - 510	520 - 850	#86-333	€252,00 Qty 6+ €199,00	3-4 days
12.5 x 17.6	-	520.00	1.05	475 - 512	528 - 730	#67-065	€192,00 Qty 6+ €150,00	3-4 days
25.2 x 35.6	-	520.00	1.05	475 - 512	528 - 730	#67-081	€252,00 Qty 6+ €199,00	3-4 days
12.5 x 17.6	-	552.00	1.05	350 - 544	558 - 850	#86-320	€192,00 Qty 6+ €150,00	3-4 days
25.2 x 35.6	-	552.00	1.05	350 - 544	558 - 850	#86-334	€252,00 Qty 6+ €199,00	In Stock

[#67-058 Clearance](#)



Clearance

Availability is limited, so buy before these products disappear. Sorry, we cannot accept returns. Receive up to 80% off select products.

- 12.50 562.00 1.05 490 - 554 570 - 750 €72,00 3-4 days

12.5 x 17.6	-	562.00	1.05	490 - 554	570 - 750	#67-066	€192,00 Qty 6+ €150,00	3-4 days
25.2 x 35.6	-	562.00	1.05	490 - 554	570 - 750	#67-082	€252,00 Qty 6+ €199,00	In Stock
12.5 x 17.6	-	593.00	1.05	520 - 585	600 - 800	#67-067	€192,00 Qty 6+ €150,00	3-4 days
25.2 x 35.6	-	593.00	1.05	520 - 585	600 - 800	#67-083	€252,00 Qty 6+ €199,00	3-4 days
12.5 x 17.6	-	605.00	1.05	350 - 596	612 - 950	#86-321	€192,00 Qty 6+ €150,00	3-4 days
25.2 x 35.6	-	605.00	1.05	350 - 596	612 - 950	#86-335	€252,00 Qty 6+ €199,00	In Stock
12.5 x 17.6	-	635.00	1.05	400 - 624	646 - 850	#87-056	€192,00 Qty 6+ €150,00	3-4 days
25.2 x 35.6	-	635.00	1.05	400 - 624	646 - 850	#87-064	€252,00 Qty 6+ €199,00	3-4 days
12.5 x 17.6	-	660.00	1.05	580 - 651	670 - 800	#67-068	€192,00 Qty 6+ €150,00	3-4 days
25.2 x 35.6	-	660.00	1.05	580 - 651	670 - 800	#67-084	€252,00 Qty 6+ €199,00	3-4 days

[#67-061 Clearance](#)



Clearance

Availability is limited, so buy before these products disappear. Sorry, we cannot accept returns. Receive up to 80% off select products.

-	12.50	685.00	1.05	590 - 676	695 - 810		€90,00	3-4 days
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12.5 x 17.6	-	685.00	1.05	590 - 676	695 - 810	#67-069	€192,00 Qty 6+ €150,00	3-4 days
25.2 x 35.6	-	685.00	1.05	590 - 676	695 - 810	#67-085	€252,00 Qty 6+ €199,00	3-4 days
12.5 x 17.6	-	735.00	1.05	450 - 723	748 - 1100	#87-057	€202,00 Qty 6+ €158,00	3-4 days
25.2 x 35.6	-	735.00	1.05	450 - 723	748 - 1100	#87-065	€263,00 Qty 6+ €208,00	3-4 days
12.5 x 17.6	-	757.00	1.05	450 - 744	770 - 1100	#87-058	€202,00 Qty 6+ €158,00	3-4 days
25.2 x 35.6	-	757.00	1.05	450 - 744	770 - 1100	#87-066	€263,00 Qty 6+ €208,00	3-4 days
12.5 x 17.6	-	801.00	1.05	450 - 790	814 - 1100	#86-322	€202,00 Qty 6+ €158,00	3-4 days
25.2 x 35.6	-	801.00	1.05	450 - 790	814 - 1100	#86-336	€263,00 Qty 6+ €206,00	3-4 days