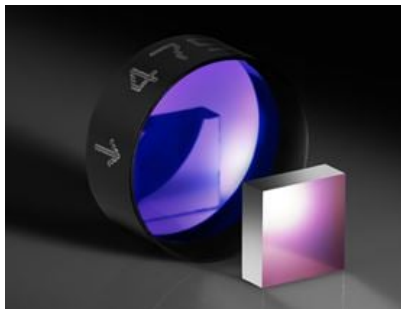


[All Products](#) / [Optics](#) / [Optical Filters](#) / [Bandpass Filters](#)

OD8 Fluorescence Bandpass Filters



- OD ≥ 8 Blocking and $>95\%$ Minimum Peak Transmission in the Passband
- Designed for Common qPCR Fluorophores
- Excitation Filters and Emission Filters Available

Common Specifications

General

Typical Applications:	qPCR
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Physical & Mechanical Properties

Thickness (mm):	2.00 (Nominal)
Edges:	Painted opaque flat black

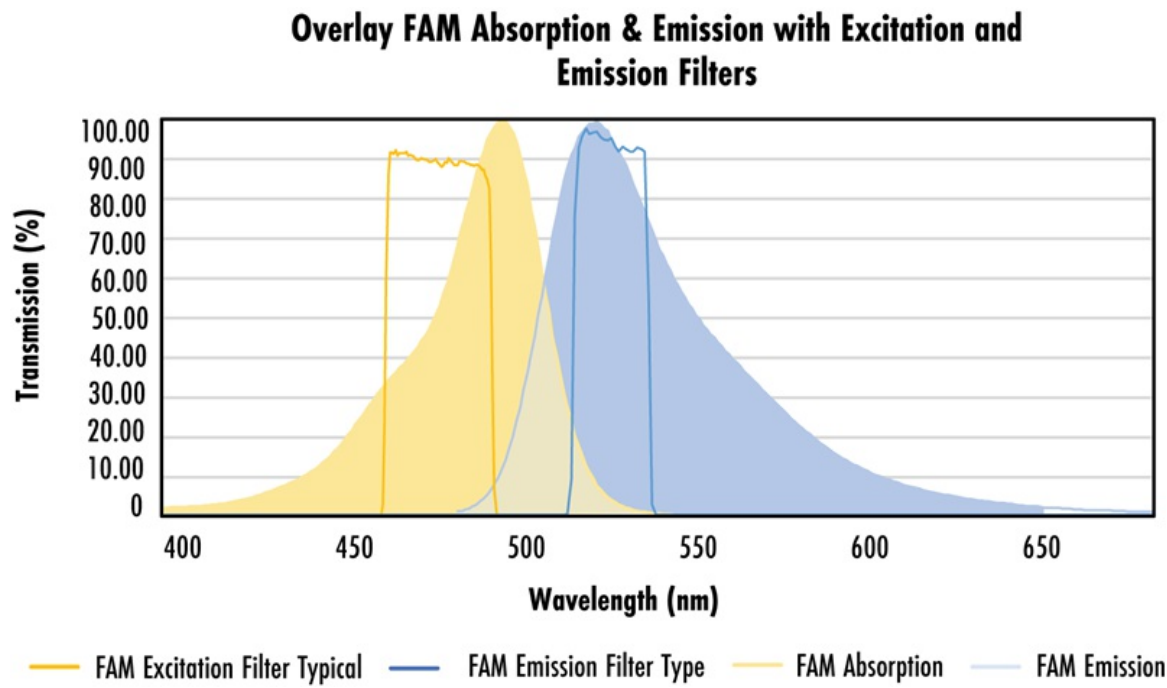
Optical Properties

Angle of Incidence (°):	0 ±5		
Optical Density OD (Average):	≥8.0	Substrate:	BOROFLOAT®
Minimum Transmission (%):	≥95	Coating:	Hard Coated
Surface Quality:	60-40	Blocking Wavelength Range (nm):	350 - 850
Cone Half Angle (°):	5	Wavelength Accuracy (%):	±0.25

Environmental & Durability Factors

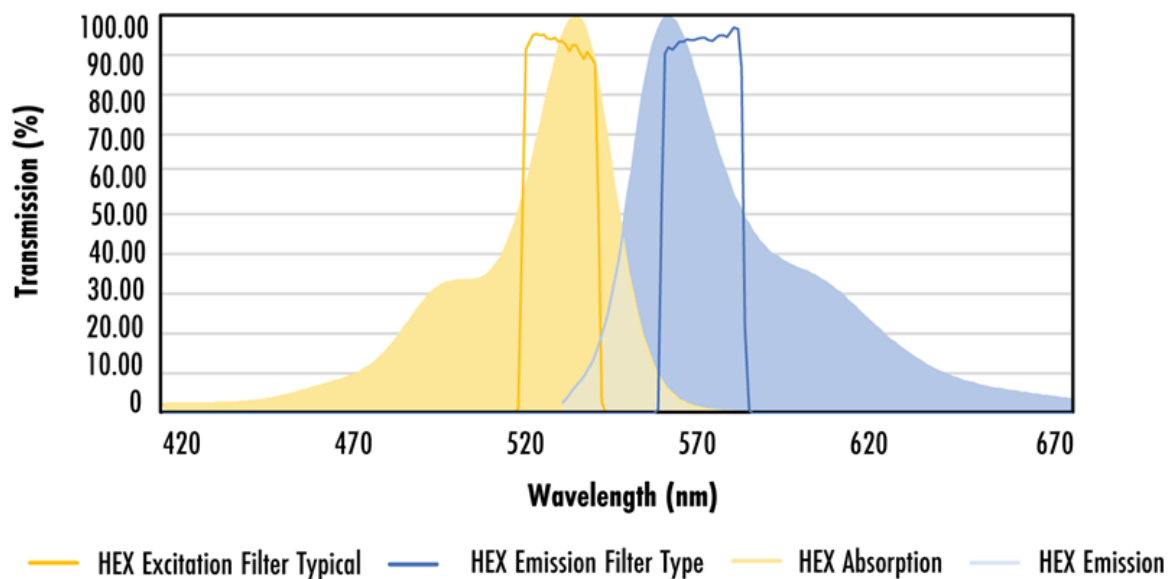
Operating Temperature (°C):	>100	Durability:	MIL-PRF-13830B
Environmental Durability:	MIL-STD-810E, SECTION 507.3, PROCEDURE III - AGGRAVATED CYCLE, 10 CYCLES	Coating Solubility and Cleaning:	MIL-C-48497A, IMMERSION IN ACETONE AND ALCOHOL

Technical Information



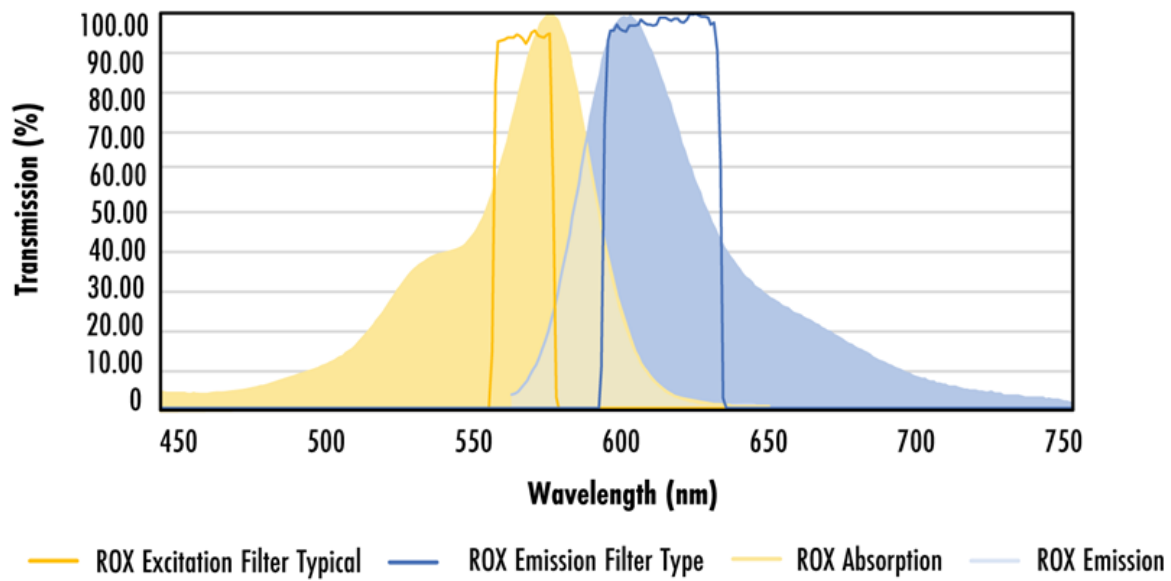
Overlay FAM Absorption & Emission with Excitation and Emission Filters

Overlay HEX Absorption & Emission with Excitation and Emission Filters



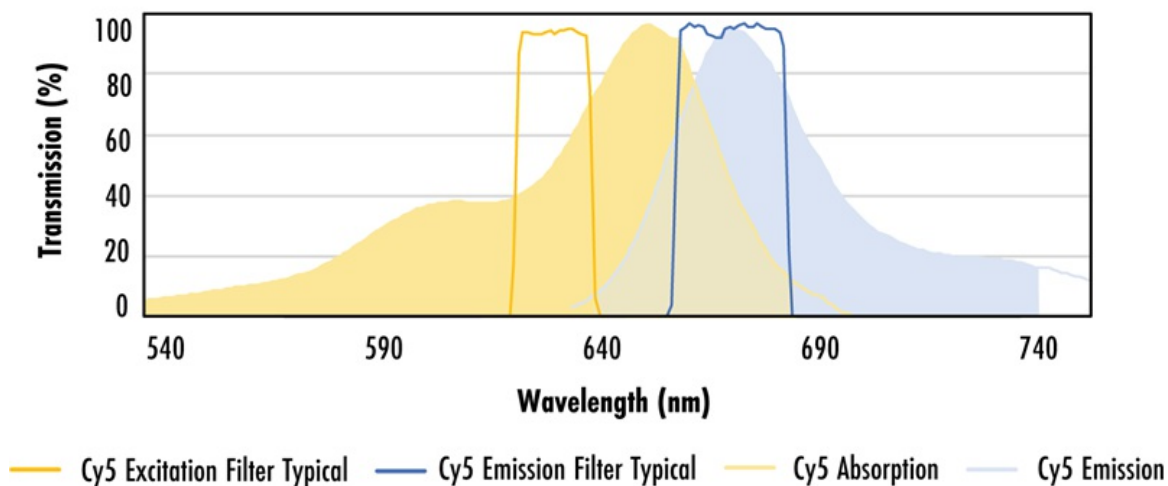
Overlay HEX Absorption and Emission with Excitation and Emission Filters

Overlay ROX Absorption & Emission with Excitation and Emission Filters



Overlay ROX Absorption and Emission with Excitation and Emission

Overlay Cy5 Absorption and Emission with Excitation and Emission Filters



Overlay Cy5 Absorption and Emission with Excitation and Emission Filters

Products

Dia. (mm)	Dimensions (mm)	CWL (nm)	FWHM (nm)	Minimum Transmission (%)	Compatible Fluorophore	Stock Number	Price	Buy
-	6.0 x 6.0	475.00	30.00	≥95	FAM Excitation	#26-716	€190,00	3-4 days
-	6.0 x 6.0	521.00	20.00	≥95	FAM Emission	#26-717	€190,00	In Stock
-	6.0 x 6.0	528.00	20.00	≥95	HEX Excitation	#26-718	€190,00	3-4 days
-	6.0 x 6.0	568.00	22.00	≥95	HEX Emission	#26-719	€190,00	3-4 days
-	6.0 x 6.0	570.00	20.00	≥95	ROX Excitation	#26-720	€190,00	3-4 days
-	6.0 x 6.0	615.00	38.00	≥95	ROX Emission	#26-721	€190,00	3-4 days
-	6.0 x 6.0	632.00	18.00	≥95	Cy5 Excitation	#26-722	€190,00	3-4 days
-	6.0 x 6.0	670.00	25.00	≥95	Cy5 Emission	#26-723	€190,00	3-4 days
12.50	-	475.00	30.00	≥95	FAM Excitation	#26-706	€380,00	3-4 days
12.50	-	521.00	20.00	≥95	FAM Emission	#26-707	€380,00	3-4 days
12.50	-	528.00	20.00	≥95	HEX Excitation	#26-708	€380,00	3-4 days
12.50	-	568.00	22.00	≥95	HEX Emission	#26-709	€380,00	3-4 days
12.50	-	570.00	20.00	≥95	ROX Excitation	#26-710	€380,00	3-4 days
12.50	-	615.00	38.00	≥95	ROX Emission	#26-711	€380,00	3-4 days
12.50	-	632.00	18.00	≥95	Cy5 Excitation	#26-712	€380,00	3-4 days
12.50	-	670.00	25.00	≥95	Cy5 Emission	#26-713	€380,00	3-4 days



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