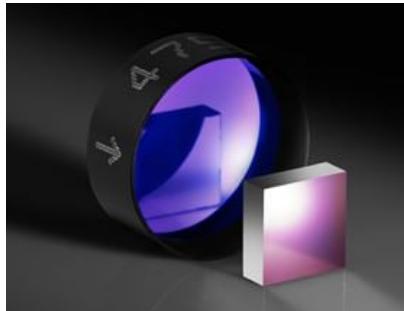


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## OD8 Fluorescence Bandpass Filters



- OD  $\geq 8$  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

## 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:	<u>BOROFLOAT®</u>
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

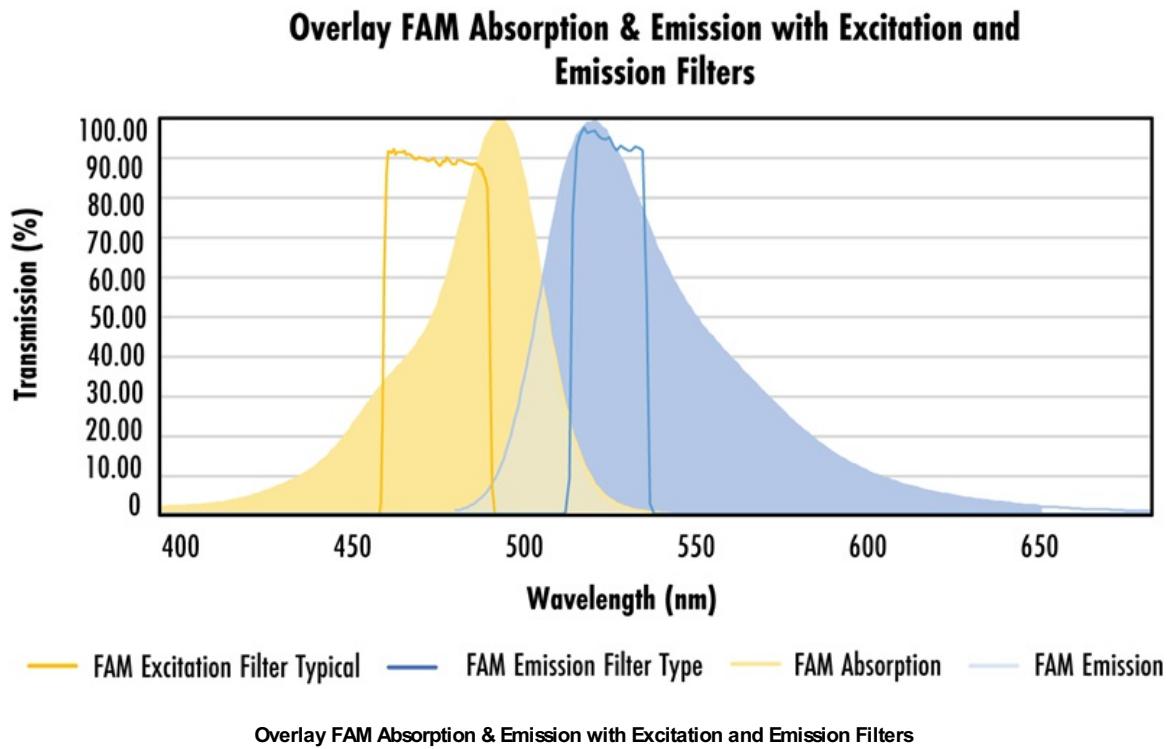
Operating Temperature (°C): >100

Durability: MIL-PRF-13830B

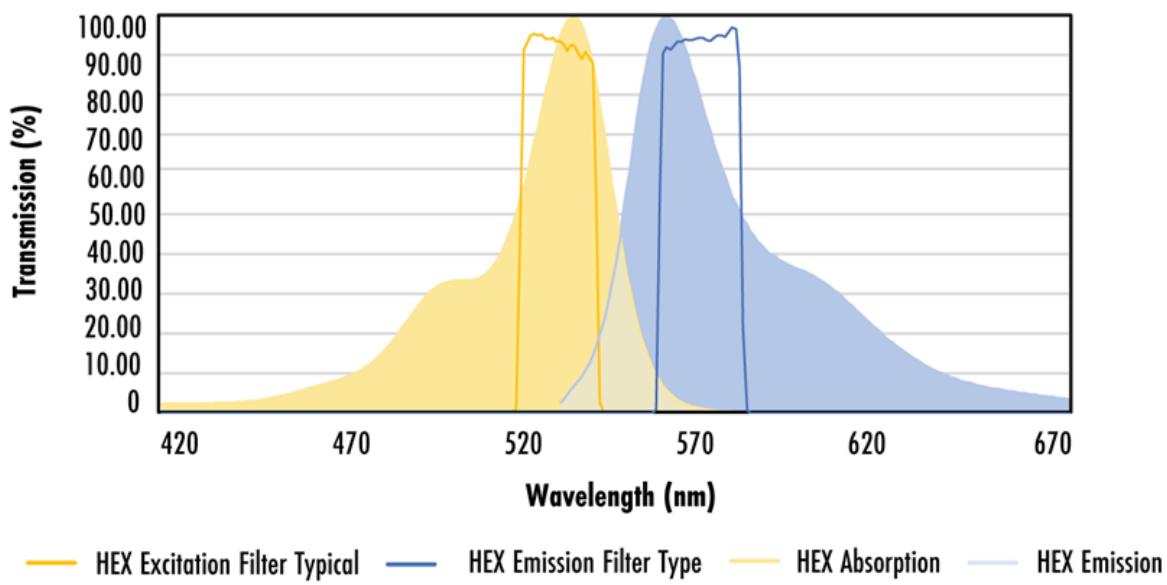
Environmental Durability: MIL-STD-810E, SECTION 507.3, PROCEDURE III - AGGRAVATED CYCLE, 10 CYCLES

Coating Solubility and Cleaning: MIL-C-48497A, IMMERSION IN ACETONE AND ALCOHOL

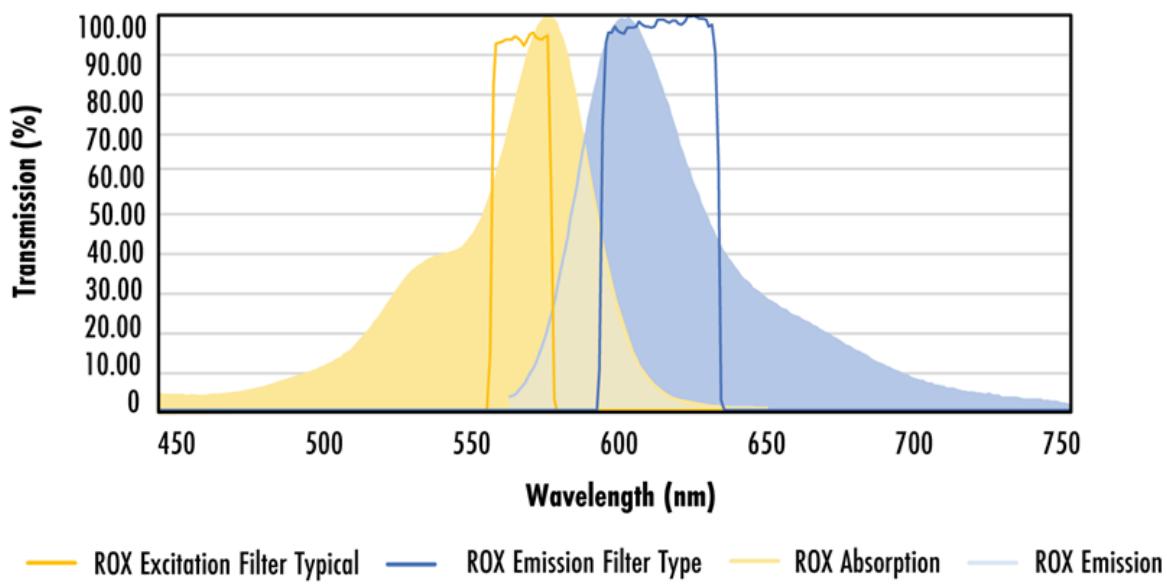
## Technical Information



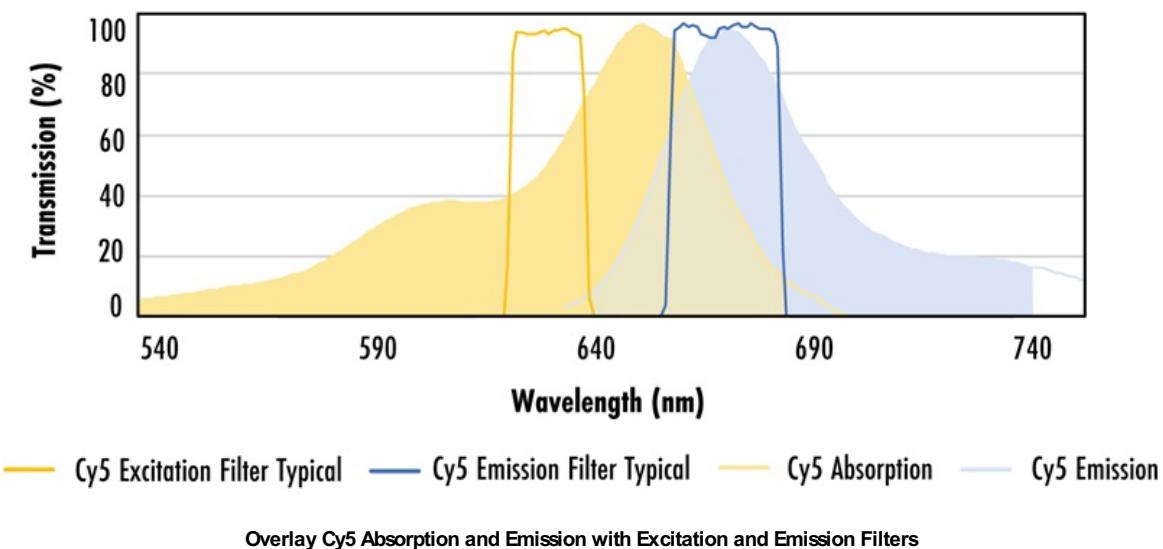
## Overlay HEX Absorption & Emission with Excitation and Emission Filters



## Overlay ROX Absorption & 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	<a href="#">#26-716</a>	₹14,792	20+ In Stock
-	6.0 x 6.0	521.00	20.00	≥95	FAM Emission	<a href="#">#26-717</a>	₹14,792	20+ In Stock
-	6.0 x 6.0	528.00	20.00	≥95	HEX Excitation	<a href="#">#26-718</a>	₹14,792	20+ In Stock
-	6.0 x 6.0	568.00	22.00	≥95	HEX Emission	<a href="#">#26-719</a>	₹14,792	20+ In Stock
-	6.0 x 6.0	570.00	20.00	≥95	ROX Excitation	<a href="#">#26-720</a>	₹14,792	20+ In Stock
-	6.0 x 6.0	615.00	38.00	≥95	ROX Emission	<a href="#">#26-721</a>	₹14,792	20+ In Stock
-	6.0 x 6.0	632.00	18.00	≥95	Cy5 Excitation	<a href="#">#26-722</a>	₹14,792	20+ In Stock
-	6.0 x 6.0	670.00	25.00	≥95	Cy5 Emission	<a href="#">#26-723</a>	₹14,792	20+ In Stock
12.50	-	475.00	30.00	≥95	FAM Excitation	<a href="#">#26-706</a>	₹29,583	20+ In Stock
12.50	-	521.00	20.00	≥95	FAM Emission	<a href="#">#26-707</a>	₹29,583	20+ In Stock
12.50	-	528.00	20.00	≥95	HEX Excitation	<a href="#">#26-708</a>	₹29,583	20+ In Stock
12.50	-	568.00	22.00	≥95	HEX Emission	<a href="#">#26-709</a>	₹29,583	20+ In Stock
12.50	-	570.00	20.00	≥95	ROX Excitation	<a href="#">#26-710</a>	₹29,583	20+ In Stock
12.50	-	615.00	38.00	≥95	ROX Emission	<a href="#">#26-711</a>	₹29,583	20+ In Stock
12.50	-	632.00	18.00	≥95	Cy5 Excitation	<a href="#">#26-712</a>	₹29,583	20+ In Stock
12.50	-	670.00	25.00	≥95	Cy5 Emission	<a href="#">#26-713</a>	₹29,583	20+ In Stock



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