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TECHSPEC® High Performance Mounted Machine Vision Filters



- Optimized for Use with Popular LEDs
- Multiple Mounting Sizes and Threads Available to Ease System Compatibility
- Extremely High and Flat Transmission Profiles Provide Even Illumination

Common Specifications

Physical & Mechanical Properties

Construction:	Mounted in Black Anodized Ring	Substrate Thickness (mm):	1.75 ±0.10
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		

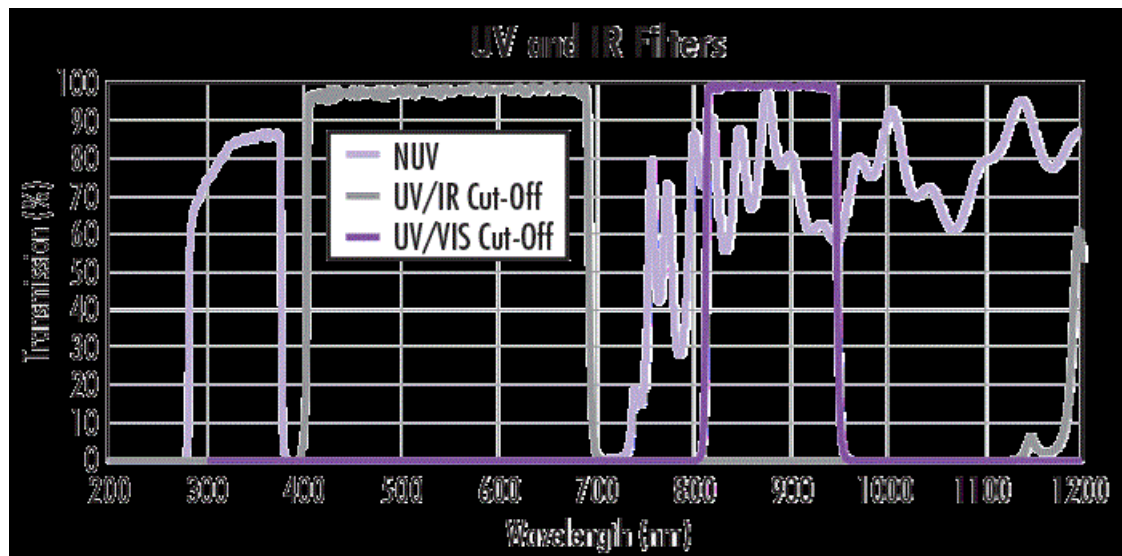
Optical Properties

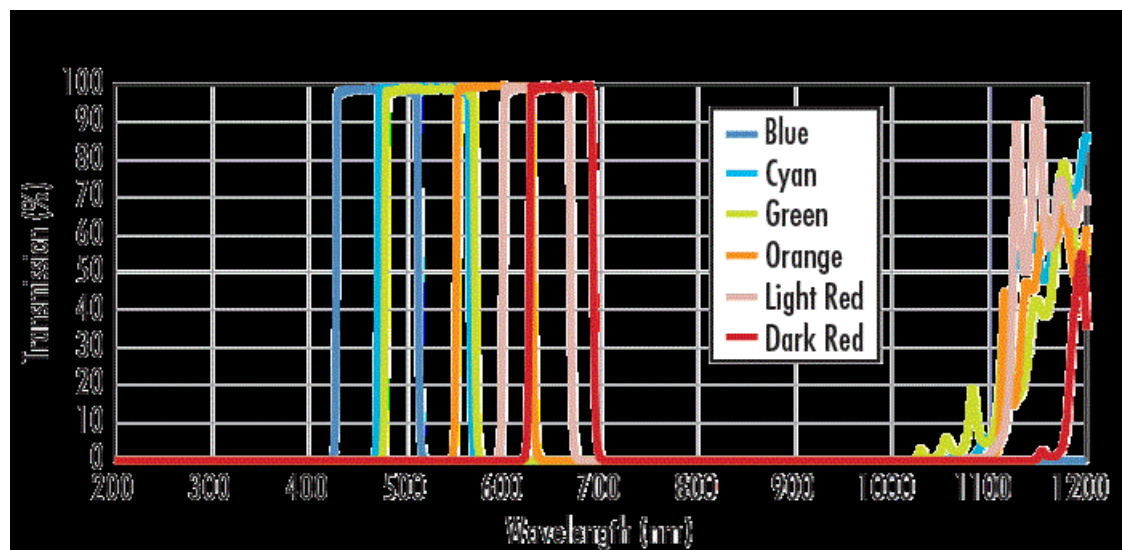
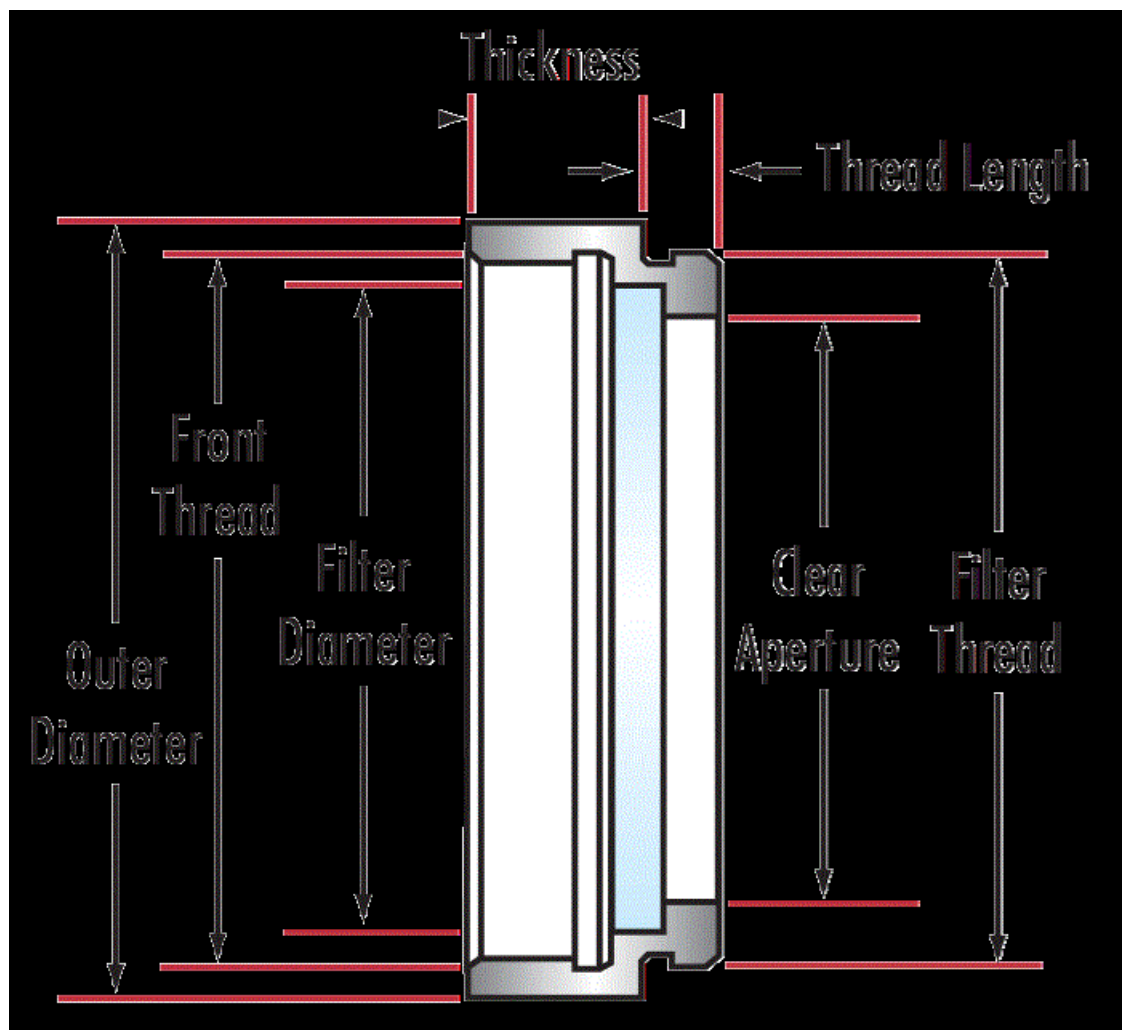
Coating:	Hard Coated
Optical Density OD (Average):	≥3.0

Environmental & Durability Factors

Environmental Durability:	Humidity per MIL-STD-810H, Section 507.6 Temperature per MIL-STD-810H, Section 501.7 and 502.7
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Technical Information





Color Machine Vision Filters

Products

Filter Thread	Color	CWL (nm)	FWHM (nm)	Stock Number	Price	Buy
M25.5 x 0.50	Light Red	633.00	70.00	#89-814	€176,00 Qty 10+ €162,00	3-4 days
M25.5 x 0.50	Dark Red	660.00	66.00	#89-824	€176,00 Qty 10+ €162,00	3-4 days
M25.5 x 0.50	Green	525.00	92.00	#89-784	€188,00 Qty 10+ €162,00	3-4 days
M25.5 x 0.50	Blue	470.00	85.00	#89-764	€176,00 Qty 10+ €162,00	Contact Us
M25.5 x 0.50	IR	880.00	135.00	#89-834	€176,00 Qty 10+ €162,00	In Stock
M25.5 x 0.50	VIS	548.00	290.00	#89-794	€176,00 Qty 10+ €162,00	In Stock
M30.5 x 0.50	Light Red	633.00	70.00	#89-815	€188,00 Qty 10+ €173,00	3-4 days
M30.5 x 0.50	Dark Red	660.00	66.00	#89-825	€188,00 Qty 10+ €173,00	3-4 days
M30.5 x 0.50	Green	525.00	92.00	#89-785	€188,00 Qty 10+ €173,00	3-4 days
M30.5 x 0.50	Blue	470.00	85.00	#89-765	€188,00 Qty 10+ €173,00	3-4 days
M30.5 x 0.50	IR	880.00	135.00	#89-835	€188,00 Qty 10+ €173,00	3-4 days
M30.5 x 0.50	VIS	548.00	290.00	#89-795	€188,00 Qty 10+ €173,00	3-4 days
M40.5 x 0.50	Light Red	633.00	70.00	#89-818	€235,00 Qty 10+ €216,00	In Stock
M40.5 x 0.50	Dark Red	660.00	66.00	#89-828	€235,00 Qty 10+ €216,00	3-4 days
M40.5 x 0.50	Green	525.00	92.00	#89-788	€235,00 Qty 10+ €216,00	3-4 days
M40.5 x 0.50	Blue	470.00	85.00	#89-768	€235,00 Qty 10+ €216,00	3-4 days

M40.5 x 0.50	IR	880.00	135.00	#89-838	€235,00 Qty 10+ €216,00	3-4 days
M40.5 x 0.50	VIS	548.00	290.00	#89-798	€235,00 Qty 10+ €216,00	3-4 days
M43.0 x 0.75	Light Red	633.00	70.00	#89-819	€247,00 Qty 10+ €227,00	In Stock
M43.0 x 0.75	Dark Red	660.00	66.00	#89-829	€247,00 Qty 10+ €227,00	3-4 days
M43.0 x 0.75	Green	525.00	92.00	#89-789	€247,00 Qty 10+ €227,00	3-4 days
M43.0 x 0.75	Blue	470.00	85.00	#89-769	€247,00 Qty 10+ €227,00	3-4 days
M43.0 x 0.75	IR	880.00	135.00	#89-839	€247,00 Qty 10+ €227,00	3-4 days
M43.0 x 0.75	VIS	548.00	290.00	#89-799	€247,00 Qty 10+ €227,00	3-4 days
M62.0 x 0.75	Light Red	633.00	70.00	#89-822	€410,00 Qty 10+ €377,00	3-4 days
M62.0 x 0.75	Dark Red	660.00	66.00	#89-832	€410,00 Qty 10+ €377,00	3-4 days
M62.0 x 0.75	Green	525.00	92.00	#89-792	€410,00 Qty 10+ €377,00	3-4 days
M62.0 x 0.75	Blue	470.00	85.00	#89-772	€410,00 Qty 10+ €377,00	3-4 days
M62.0 x 0.75	IR	880.00	135.00	#89-842	€410,00 Qty 10+ €377,00	3-4 days
M62.0 x 0.75	VIS	548.00	290.00	#89-802	€410,00 Qty 10+ €377,00	In Stock
M22.5 x 0.50	NUV	325.00	106.00	#89-753	€170,00 Qty 10+ €156,00	3-4 days
M34.0 x 0.50	NUV	325.00	106.00	#89-756	€199,00 Qty 10+ €183,00	3-4 days
M35.5 x 0.50	NUV	325.00	106.00	#89-757	€211,00 Qty 10+ €194,00	3-4 days
M46.0 x 0.75	NUV	325.00	106.00	#89-760	€282,00 Qty 10+ €259,00	3-4 days
M55.0 x 0.75	NUV	325.00	106.00	#89-761	€316,00 Qty 10+ €291,00	Contact Us

M22.5 x 0.50	Cyan	518.00	95.00	#89-773	€170,00 Qty 10+ €156,00	3-4 days
M34.0 x 0.50	Cyan	518.00	95.00	#89-776	€199,00 Qty 10+ €183,00	Contact Us
M35.5 x 0.50	Cyan	518.00	95.00	#89-777	€211,00 Qty 10+ €194,00	3-4 days
M46.0 x 0.75	Cyan	518.00	95.00	#89-780	€282,00 Qty 10+ €259,00	3-4 days
M55.0 x 0.75	Cyan	518.00	95.00	#89-781	€316,00 Qty 10+ €291,00	Contact Us
M22.5 x 0.50	Orange	590.00	78.00	#89-803	€170,00 Qty 10+ €156,00	3-4 days
M34.0 x 0.50	Orange	590.00	78.00	#89-806	€200,00 Qty 10+ €183,00	3-4 days
M35.5 x 0.50	Orange	590.00	78.00	#89-807	€211,00 Qty 10+ €194,00	3-4 days
M46.0 x 0.75	Orange	590.00	78.00	#89-810	€282,00 Qty 10+ €259,00	3-4 days
M55.0 x 0.75	Orange	590.00	78.00	#89-811	€316,00 Qty 10+ €291,00	3-4 days
M25.5 x 0.50	NUV	325.00	106.00	#89-754	€176,00 Qty 10+ €162,00	3-4 days
M30.5 x 0.50	NUV	325.00	106.00	#89-755	€188,00 Qty 10+ €173,00	3-4 days
M40.5 x 0.50	NUV	325.00	106.00	#89-758	€235,00 Qty 10+ €216,00	Contact Us
M43.0 x 0.75	NUV	325.00	106.00	#89-759	€247,00 Qty 10+ €227,00	3-4 days
M62.0 x 0.75	NUV	325.00	106.00	#89-762	€410,00 Qty 10+ €377,00	3-4 days
M22.5 x 0.50	Blue	470.00	85.00	#89-763	€170,00 Qty 10+ €156,00	3-4 days
M34.0 x 0.50	Blue	470.00	85.00	#89-766	€199,00 Qty 10+ €183,00	3-4 days
M35.5 x 0.50	Blue	470.00	85.00	#89-767	€211,00 Qty 10+ €194,00	3-4 days

M46.0 x 0.75	Blue	470.00	85.00	#89-770	€282,00 Qty 10+ €259,00	3-4 days
M55.0 x 0.75	Blue	470.00	85.00	#89-771	€316,00 Qty 10+ €291,00	In Stock
M25.5 x 0.50	Cyan	518.00	95.00	#89-774	€176,00 Qty 10+ €162,00	3-4 days
M30.5 x 0.50	Cyan	518.00	95.00	#89-775	€188,00 Qty 10+ €173,00	3-4 days
M40.5 x 0.50	Cyan	518.00	95.00	#89-778	€235,00 Qty 10+ €216,00	3-4 days
M43.0 x 0.75	Cyan	518.00	95.00	#89-779	€247,00 Qty 10+ €227,00	3-4 days
M62.0 x 0.75	Cyan	518.00	95.00	#89-782	€410,00 Qty 10+ €377,00	3-4 days
M22.5 x 0.50	Green	525.00	92.00	#89-783	€170,00 Qty 10+ €156,00	3-4 days
M34.0 x 0.50	Green	525.00	92.00	#89-786	€199,00 Qty 10+ €183,00	3-4 days
M35.5 x 0.50	Green	525.00	92.00	#89-787	€211,00 Qty 10+ €194,00	3-4 days
M46.0 x 0.75	Green	525.00	92.00	#89-790	€282,00 Qty 10+ €259,00	3-4 days
M55.0 x 0.75	Green	525.00	92.00	#89-791	€316,00 Qty 10+ €291,00	3-4 days
M22.5 x 0.50	VIS	548.00	290.00	#89-793	€170,00 Qty 10+ €156,00	3-4 days
M34.0 x 0.50	VIS	548.00	290.00	#89-796	€199,00 Qty 10+ €183,00	3-4 days
M35.5 x 0.50	VIS	548.00	290.00	#89-797	€211,00 Qty 10+ €194,00	3-4 days
M46.0 x 0.75	VIS	548.00	290.00	#89-800	€282,00 Qty 10+ €259,00	3-4 days
M55.0 x 0.75	VIS	548.00	290.00	#89-801	€316,00 Qty 10+ €291,00	3-4 days
M25.5 x 0.50	Orange	590.00	78.00	#89-804	€176,00 Qty 10+ €162,00	3-4 days
M30.5 x 0.50	Orange	590.00	78.00	#89-805	€188,00 Qty 10+ €173,00	3-4 days

M40.5 x 0.50	Orange	590.00	78.00	#89-808	€235,00 Qty 10+ €216,00	3-4 days
M43.0 x 0.75	Orange	590.00	78.00	#89-809	€247,00 Qty 10+ €227,00	3-4 days
M62.0 x 0.75	Orange	590.00	78.00	#89-812	€410,00 Qty 10+ €377,00	3-4 days
M22.5 x 0.50	Light Red	633.00	70.00	#89-813	€170,00 Qty 10+ €156,00	3-4 days
M34.0 x 0.50	Light Red	633.00	70.00	#89-816	€199,00 Qty 10+ €183,00	In Stock
M35.5 x 0.50	Light Red	633.00	70.00	#89-817	€211,00 Qty 10+ €194,00	3-4 days
M46.0 x 0.75	Light Red	633.00	70.00	#89-820	€282,00 Qty 10+ €259,00	In Stock
M55.0 x 0.75	Light Red	633.00	70.00	#89-821	€316,00 Qty 10+ €291,00	3-4 days
M22.5 x 0.50	Dark Red	660.00	66.00	#89-823	€170,00 Qty 10+ €156,00	3-4 days
M34.0 x 0.50	Dark Red	660.00	66.00	#89-826	€199,00 Qty 10+ €183,00	3-4 days
M35.5 x 0.50	Dark Red	660.00	66.00	#89-827	€211,00 Qty 10+ €194,00	3-4 days
M46.0 x 0.75	Dark Red	660.00	66.00	#89-830	€282,00 Qty 10+ €259,00	3-4 days
M55.0 x 0.75	Dark Red	660.00	66.00	#89-831	€316,00 Qty 10+ €291,00	Contact Us
M22.5 x 0.50	IR	880.00	135.00	#89-833	€170,00 Qty 10+ €156,00	3-4 days
M34.0 x 0.50	IR	880.00	135.00	#89-836	€199,00 Qty 10+ €183,00	3-4 days
M35.5 x 0.50	IR	880.00	135.00	#89-837	€211,00 Qty 10+ €194,00	3-4 days
M46.0 x 0.75	IR	880.00	135.00	#89-840	€282,00 Qty 10+ €259,00	3-4 days
M55.0 x 0.75	IR	880.00	135.00	#89-841	€316,00 Qty 10+ €291,00	3-4 days



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