

Machine Vision Optical Filters for the Automation Industry

Chroma Technology produces machine vision, thin-film interference filters with extremely durable sputtered coatings in various form factors and sizes that work in a wide range of applications.

Optical Filters for Machine Vision

Chroma's machine vision filters:

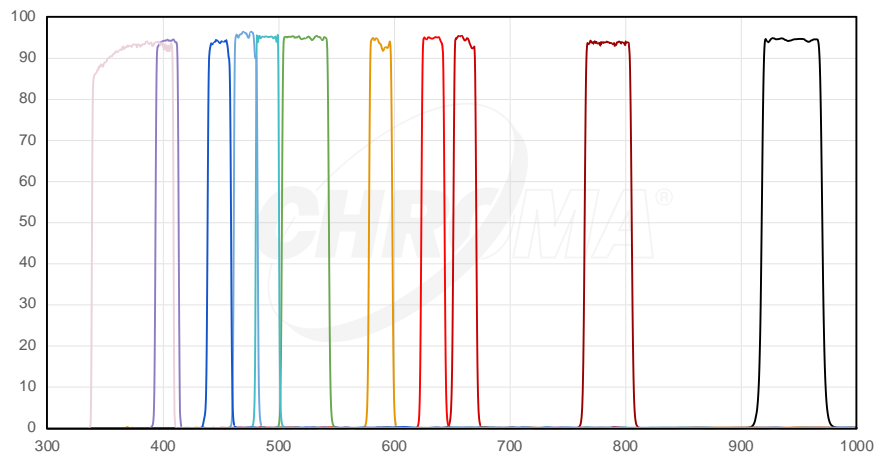
- ▶ Provide high contrast (signal-to-noise)
- ▶ Tightly toleranced spectral precision
- ▶ Designed for use in a wide range of vision systems
- ▶ Constructed of durable sputtered dielectric interference coatings
- ▶ Affordable customized solutions

For custom filters, consultation or OEM volume pricing, call 800-824-7662 or email sales@chroma.com to discuss your specific needs.



Learn more at chroma.com/mv

Manage Light Your Way



High-contrast Machine Vision Filters from Chroma

Machine vision is an indispensable tool of automated manufacturing and distribution systems. Automation technologies rely on vision systems with high contrast to provide accurate recognition. Optical filters are a crucial component of vision systems in that they spectrally enhance what the system can see, boosting contrast by transmitting the wavelengths you want, while rejecting the wavelengths you don't.



Chroma's machine vision optical filters are manufactured to the highest quality level, ensuring durability and long-lasting performance. They are designed to withstand even the most challenging environments and provide consistent results over time.



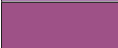
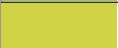
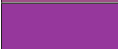

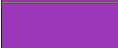

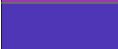


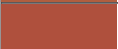

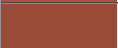

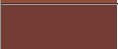

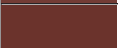
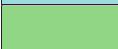



Our line of machine vision optical filters are suitable for a wide range of machine vision applications across a variety of markets, including vision systems for industrial automation, robotic guidance, agricultural automation (smart farming), food sorting, Earth science/environmental monitoring, and semiconductor inspection.

With expertise in optical filtration for industrial imaging applications, we offer the best combinations of out-of-band blocking, high transmission, wide-angle tolerance, precision, and price.

Chroma Technology provides the clarity for your vision system to see only what it needs to, and nothing else.

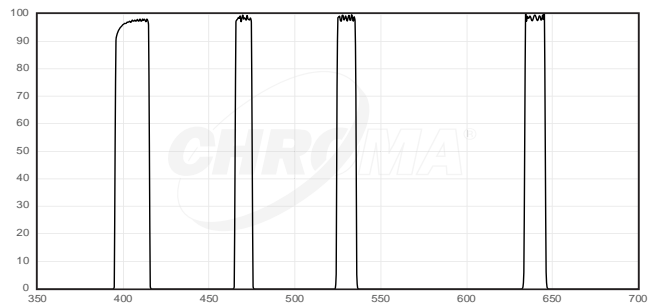
MV3 Machine Vision Filters

>90% avg transmission in band with OD3 out of band to 1050nm

	MV375-70		MV532-20
	MV380-60		MV585-40
	MV405-20		MV590-20
	MV405-40		MV630-40
	MV450-20		MV635-20
	MV450-40		MV660-20
	MV470-20		MV660-40
	MV470-40		MV785-40
	MV490-20		MV850-50
	MV520-20		MV905-50
	MV525-40		MV940-50

Custom Solutions

For vision system designers and OEMs creating application-specific or embedded machine vision systems, Chroma specializes in custom-built comparably priced filters to meet your challenging performance requirements.



Quad-Band Filter

Machine Vision Filter Kits

We offer a filter kit that includes a range of top-selling filters, allowing you to test different filters and determine which ones best suit your needs. Our filter kit is a cost-effective and efficient way to ensure you're using the right filters for your application needs.

There are 14 slots in total which contain:

- ▶ 11 standard filters
- ▶ 1 linear polarizer
- ▶ 2 step-up adapters

