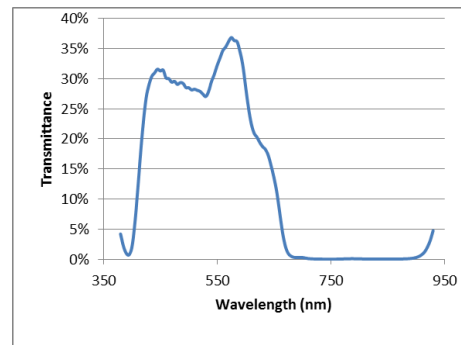


100mil Polymeric NVIS Flat Filter

Pynco polymeric NVIS flat filters offer a unique alternative for customers who require night vision compatibility with multi-color LCD and LED products. This flat filter can be easily mounted in front of any display screen. With exceptional quality and performance that adheres to both MIL-L-85762 and MIL-STD-3009 military standards, Pynco NVIS filters are the standard for mission critical night vision applications. Pynco polymeric flat filters include anti-reflection properties, are scratch resistant and will meet or exceed a variety of safety and environmental standards. Known as a P17000 filter, contact Pynco today for custom options and pricing.



Color	Filtered Chromaticity		Unfiltered Chromaticity		Transmission	NVIS Radiance
	u'	v'	u'	v'	Y(%)	NRb
White	0.184	0.454	0.192	0.464	32.1%	2.2E-09
Blue	0.162	0.311	0.162	0.303	33.7%	9.7E-10
Green	0.144	0.507	0.146	0.501	34.3%	3.4E-10
Yellow	0.195	0.551	0.213	0.546	33.8%	2.1E-09
Red	0.329	0.503	0.351	0.495	34.9%	1.0E-08

** Preliminary measurements taken using a scaling factor of 0.5 fL.

This product has been tested and certified to pass a variety of standards including:

FAA Specification:

FAR 25.853 Flammability Test (Vertical Burn Test): FAR2-853 Appendix F Part 25 Part Ia1ii & Part 4

Military Specifications:

Thermal Cycling: MIL-STD-810G, Method 503.5, Procedure 1-B, Figure 503.5-2 and 4.4.4.1b
(Temperature Extremes +70C/+160F to -40C/-40F)

Humidity: MIL-STD-202G, Method 103B, Test Condition A (+40C/+104F at 90%-95 & Relative Humidity)

• Contact a Pynco representative today for customized options, pricing and lead times.