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Pynco introduces: Polymeric LED NVIS Cap Filter

For traditional white LED lighting applications that require night vision filtering, Pynco introduces a new polymeric LED NVIS cap product line. Pynco LED NVIS cap filters allow for an effective and inexpensive way to upgrade traditional LEDs to NVIS. Pynco LED cap filters will fit standard size T1 & T1¼ (3mm & 5mm) as well as a variety of PLCC and SMD LED form factors. For unique shapes and sizes, Pynco can manufacture custom filters per customer request. Contact a Pynco representative today for customized options, pricing and lead times.

Pynco polymeric filter products adhere to both MIL-L-85762 and MIL-STD-3009 military standards as well as important environmental standards. Combining a variety of different form factors with exceptional quality and performance, Pynco MIL-spec NVIS polymeric filters are the industry standard for mission critical LED night vision lighting applications.

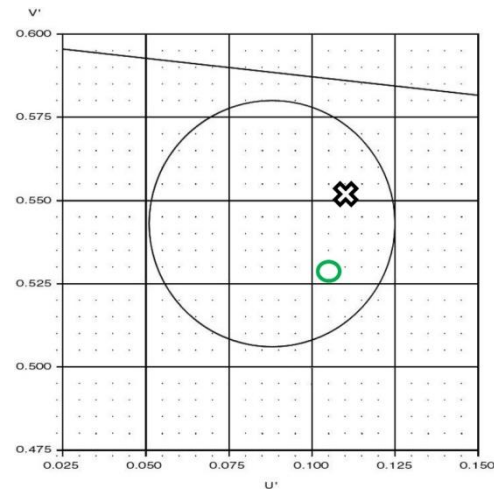
This product has been tested and certified to pass a variety of standards including:

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)

'Polymeric' NVIS Cap Filter



NVIS Green A Chromaticity

Legend	LED Light Source	Chromaticity		Radius	Transmission	NVIS Radiance	
		u'	v'			NRa	NRb
✘	3000K CCT	0.110	0.560	0.015	14.7%	8.5E-11	6.2E-12
○	6000K CCT	0.105	0.537	0.015	15.0%	6.9E-11	4.6E-12

About Pynco

Pynco Inc. is an AS9100C / ISO-9001 registered company (based in Bedford, Indiana) that excels in the Machining, Grinding & Polishing of Glass and Polymer materials. With 30 years of expertise in the defense and aerospace industries, Pynco is an industry leader in the manufacturing of optical and night vision filters as well as custom machined products. Pynco capabilities include spectroradiometric measurement services, research and design with an in-house optics laboratory and an experienced assembly and kitting department. Pynco combines first class customer service and leading edge optics research with a world class CNC manufacturing facility. Pynco began with a mission to provide solutions for the most demanding clients and this mission still continues today.

For more NVIS product information, download the [Pynco Night Vision Catalog](#).