



# NVIS RING FILTER WITH CAP

## PRODUCT INFORMATION

Ref. MIL-STD 3009 & MS85762

### CHARACTERISTICS

- Machined Glass Filters
- Polished Filters & Unpolished Filters
- Custom Dimensions Available
- Short Lead Times
- NVIS Radiance per MIL-STD 3009 & RTCA/DO-275

### NVIS & AVIATION COLORS

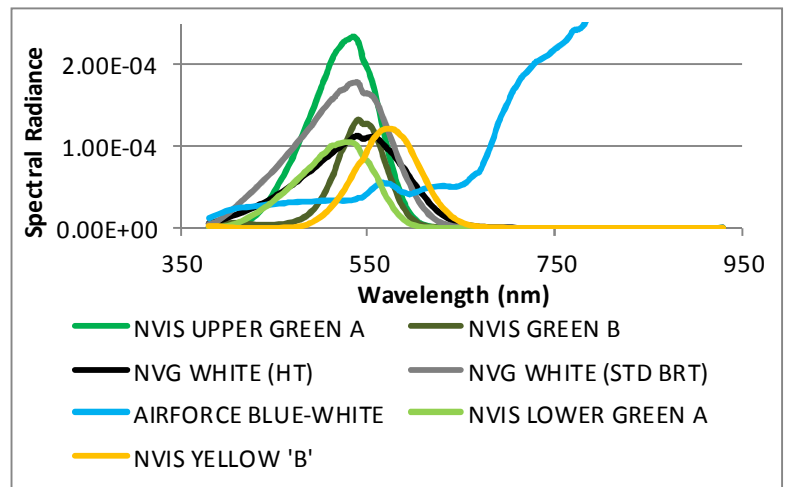
- NVIS Upper Green A
- NVIS Lower Green A
- NVIS Green B
- NVG White High Transmission
- NVG White Standard Brightness
- Airforce Blue-White
- NVIS Yellow Class A

Additional Color Variations may be created upon request

Pynco offers standard sizes of ring filters as well as filters manufactured-to-customer specifications. Our lead-times are unequalled by any NVIS filter manufacturer in the Aerospace Industry. We offer ring filters with or without caps. Ring filters are also available with a flat glass dome top. Each filter is made from machined glass, not molded, and is therefore very consistent dimensionally. These products are manufactured using the highest quality materials, giving them the ability to achieve maximum performance under intense conditions. Various colors of filters can be produced to meet the specific voltage, size, luminance and chromaticity requirements.



## OPTICAL SPECIFICATIONS

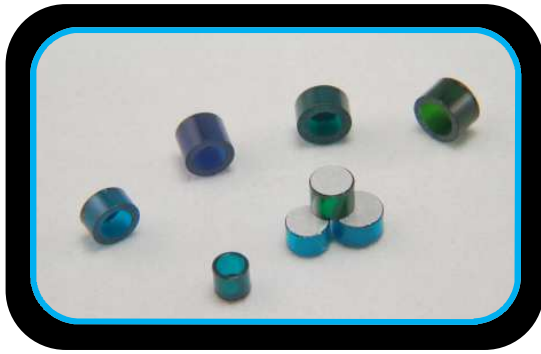


Custom NVIS Filters by

# PYNCO

MADE IN THE USA

March 2011



## NVIS RING FILTERS WITH CAPS

(Color Coordinates measured using 5.0VDC lamp @ 60mA)

Product Number	Color	u'	v'	NR Value	Overall Diameter (O.D.) (inches)	Overall Length (O.A.L.) (inches)
8539-1	NVIS UPPER GREEN A	0.1001	0.5329	7.094E-11	∅ 0.160 / 0.170	0.146 / 0.149
1808-102PF	NVIS GREEN B	0.1170	0.5674	1.019E-10	∅ 0.206 / 0.208	0.155 / 0.160
8950	NVG WHITE (HT)	0.1570	0.5224	1.995E-09	∅ 0.206 / 0.208	0.130 / 0.135
8871	NVG WHITE (STD BRT)	0.1309	0.5109	4.894E-10	∅ 0.238 / 0.239	0.127 / 0.133
8872	NVIS LOWER GREEN A	0.0967	0.5105	5.582E-11	∅ 0.240 / 0.250	0.130 / 0.135
1208-195PC	NVIS UPPER GREEN A	0.0879	0.5448	4.553E-11	∅ 0.255 / 0.265	0.140 / 0.145
8632-238M	NVIS YELLOW CLASS B	0.2138	0.5647	9.716E-08	∅ 0.260 / 0.261	0.165 / 0.170
Product Number	Color	x	y	NR Value	Overall Diameter (O.D.) (inches)	Overall Length (O.A.L.) (inches)
11208-103PN	AIRFORCE BLUE-WHITE	0.3842	0.3672	5.890E-07	∅ 0.239 / 0.240	0.192 / 0.197

