

## **American Computer Optics High Transmission Filter 6 mm**

Category: Ceramic, Glass, Optical, Filter

## **Material Notes:**

Maximum Size: 48" X 84"Abrasion: MIL-C-675C, section 4.5.11Adhesion: MIL-C-48497A, para 4.5.3.1Humidity: The coated optical surface will show no signs of deterioration after a 24 hour humidity exposure (50 C, 95% humidity)Solubility: The coated optical surface will show no signs of deterioration after a 24 hour immersion or exposure at room temperature (-60 F to + 90F) in each of the following solutions:

Distilled Water - Acetone - Ethyl Alcohol - Isopropyl Alcohol - Trichloroethylene - 1.1.1 TrichlorethaneTempering AvailableInformation provided by American Computer Optics.

Order this product through the following link:

http://www.lookpolymers.com/polymer\_American-Computer-Optics-High-Transmission-Filter-6-mm.php

Physical Properties	Metric	English	Comments
Thickness	6000 microns	236 mil	

Optical Properties	Metric	English	Comments
Transmission, Visible	98 %	98 %	
IR Transmittance	70 %	70 %	
	@Wavelength 780 - 2500 nm	@Wavelength 780 - 2500 nm	Near IR
UV Transmittance	47 %	47 %	
	@Wavelength 300 - 380 nm	@Wavelength 300 - 380 nm	
Reflection Coefficient, Visible (0-1)	<= 0.010	<= 0.010	

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