



# Durable Coated Filters



Optometrics Corporation now manufactures filters using ion assisted deposition (IAD) refractory oxides. This is an addition to its traditional soft-coated filter capabilities.

These coatings and designs are complex and reliable, producing viable and durable solutions for instrumentation for many applications.

Applications served are many including fluorescence, analytical instrumentation, laser applications, environmental monitoring and imaging systems.

These coatings can survive 300°C for long periods. Transmission and wavelength remain stable over time.



## *Multiple Applications and Types of Filters*

Laser Line

Bandpass

Imaging

Fluorescence

Edge

Analytical Instrumentation

Dichroic

Beamsplitter

Laser Safety Eyewear Lenses

## *Performance Features*

**Environmental Stability**

**Temp Coefficient = .003nm/°C**

**Durable Coating Survives  
Severe Abrasion per  
MIL-C-48497A**

**Able To Manufacture Unique  
Size Requirements**

**Longevity: Coating Alone  
can survive up to  
10 Years**

**Operating Temperatures  
Up to 300°C**

**Blocking capabilities  
up to 7 O.D.**

