



Product Information: OPTIVEX™ UV Blocking Filters

7/04

General Description

Optivex™ UV Blocking Dichroic Filter is one of the most effective ways to block UV radiation while transmitting high quality visible light.

Applications

By eliminating virtually all UV radiation, it is possible to substantially retard photochemical degradation in textiles, water colors, historical documents, works of art, and other sensitive display items. The combination of excellent optical characteristics and rugged durability makes this filter ideally suited for the following applications:

- Fine Arts Museums
- Natural History Museums
- Commercial Art Galleries
- Antiquarian Collections
- Retail Establishments
- Private Collections

Product Size Information

Any size up to 10" x 30" fabricated immediately from stock. Special sizes on request.

Features

Below is a brief listing of some of the features of Optivex™ UV filter:

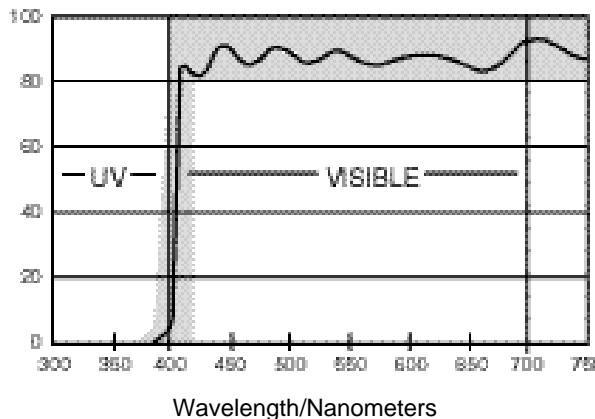
- High UV Blocking
 - reduces photochemical degradation
 - enables the use of a broader range of light sources
 - allows the increase of light levels without the risk of damage to display objects
- Filter is applied to Borofloat™ glass for heat resistance
- Dichroic filters are extremely durable, resisting abrasion and cracking

- Filters are stable in the presence of heat, meaning color consistency and performance stability
- Non-absorbing prevents filter-damaging heat build-up
- Lasts significantly longer than plastics or gels
- Sharp filter cutoff means almost no color distortion in the visible

Special Characteristics

- Average UV blocking exceeds 99% for all radiation below 400 nm
- Average color rendering index of 95%
- Photopic (human eye response) efficiency exceeds 85%
- Average visible light transmission exceeds 85%

Optivex™ Ultraviolet Dichroic Filter Transmittance Curve



LIGHTING PRODUCTS

OPTIVEX®

U.V. BLOCKING FILTERS

DICHROIC COLOR FILTERS

COLOR TEMPERATURE CORRECTORS

PATTERNED GLASS FOR LIGHT CONTROL

HEAT ABSORBING FILTERS

COLORED LENSES

NIGHT VISION (NVIS) FILTERS

If you wish to receive Abrisa's Designer's Lighting Book, which contains samples of many of the stock filters and patterns available, call for information.