Low Fluorescence Longpass Filters

KV: Glass-plastic laminated filters

Product Information

Longpass filters with very steep curves and very low inherent fluorescence are well suited for fluorescent barrier filters. The spectral properties are determined by a special plastic layer placed between two polished glass plates protecting against the environment. The spectral characteristic is based on bulk absorption and the edge wavelength λ_c (T= 50 %) is accurately controlled with a low tolerance of only ± 2 nm.

Applications

- Medical, analytical, chemical, forensic, pharmaceutical applications
- And many more...

Advantages

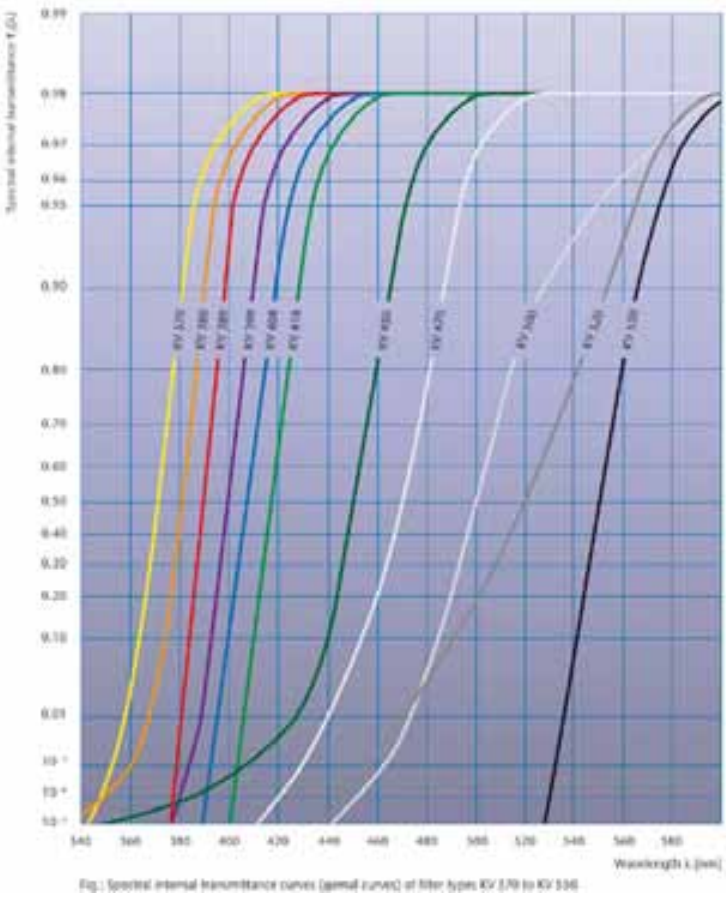
- High transmission and high blocking performance with low inherent fluorescence

Quality Assurance

Quality control is based on statistical process control as well as on rigorous final inspection. Measurement instruments include a broad range of spectrophotometers, vision systems, beam deflection, etc.

Application Support

Please contact us with your filter specifications. Our experienced application team is trained to find the right solution for your application.



Specifications

	KV-type longpass filters
Edge Wavelength λ_c	370 - 550 nm
λ_c-Tolerance	±2 nm
Blocking Range	≥ OD 5
Diameter	Custom specified
Humidity Resistance	MIL-Std-810C

10329 ENGLISH 05110.25 kn/ben Printed in Germany | Version May 2011

For more information please contact:

Advanced Optics
SCHOTT AG
Hattenbergstrasse 10
55122 Mainz
Germany

Phone: +49 (0)6131/66-1812
Fax: +49 (0)3641/2888-9047
info.optics@schott.com
www.schott.com/advanced_optics

SCHOTT
glass made of ideas