

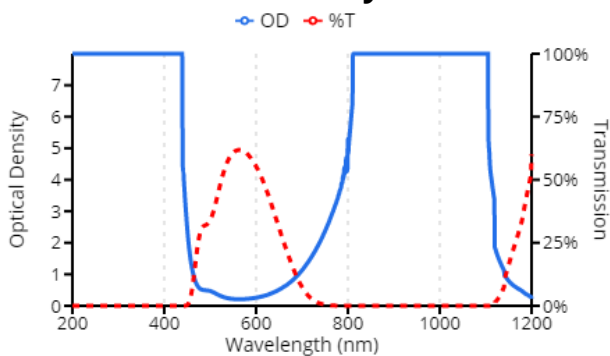
XVT™ Enhanced Visible Technology is a formulation of UV and quintessential absorbing dyes cast in an acrylic base resulting in premium laser safety windows.

Features and Applications

- 30% Impact modifier added for impact resistance Z87
- Enhanced optical clarity
- Ideal for thermoforming and machining
- Improved color recognition & high VLT
- Surface toughness improved for scratch resistance
- Uniform thickness
- UV resistant



ACR-A5151G Laser Safety Window



Protection

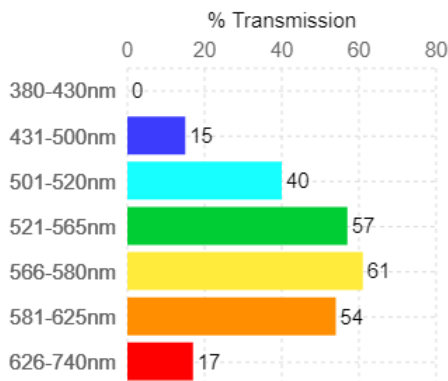
- OD 7 @ 200-400nm
- OD 7 @ 850-1100nm
- OD 5 @ 9000-10600nm

- 1070 nm | 3000 kW/m² | T2 | t_{max} = 100 seconds KTK CE 60825
- 1070 nm | 1000 kW/m² | T3 | t_{max} = 15 seconds KTK CE 60825

- D AB8 + IRM AB3 KTK 180-315 CE
- D AB5 + I AB8 + RM AB7 KTK 316-428 CE
- D AB5 + IRM AB6 KTK 429-441 CE
- DIRM AB1 KTK 669-713 CE
- DIRM AB3 KTK 740-1115 CE
- DIRM AB4 KTK 761-1102 CE
- DIRM AB5 KTK 779-1050 CE
- D AB5 + IRM AB7 KTK 811-1050 CE

[More markings...](#)

A5151G CIE Colorimetry



Specifications and Operational Parameters	
Filter Color, Filter Material	green, acrylic
Transmission	VLT 50
Thickness (± 0.015 inch (0.4 mm))	0.125 inch (3.2 mm)
Certifications	ANSI Z136 CE EN 12254 CE EN 60825-4 UKCA

In Stock: Ships in 2 days

Laser Viewing Window for Excimer (300-400 nm), Fiber (1070-1080 nm), Nd:YAG (1064 nm)
 Available in custom and standard stock sizes.

