

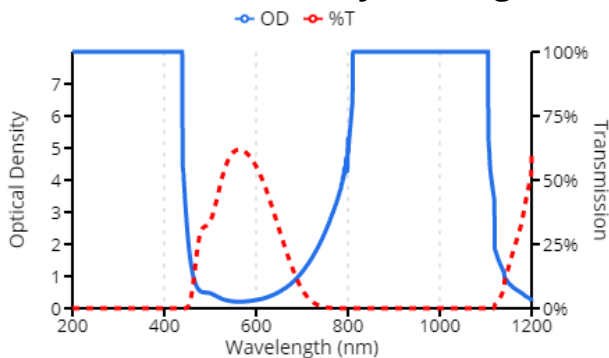
XVT™ Enhanced Visible Technology is a formulation of UV and quintessential absorbing dyes cast in an acrylic base resulting in premium laser safety windows. The ACR-VP5151 Laser Safety Viewing Panel is a utilitarian solution for demanding environments accepting of cosmetic imperfections. Minor surface aberrations exist in the form of a production roller wave that is sometimes visible in the reflections of the window. Objects and personnel remain clearly visible and discernible when viewed through these windows. Available in custom sizes up to 4 feet by 8 feet.

Features and Applications

- 30% Impact modifier added for impact resistance Z87
- Surface toughness improved for scratch resistance
- UV resistant
- Visibility allows for external viewing into active laser controlled areas



ACR-VP5151 Laser Safety Viewing Panels

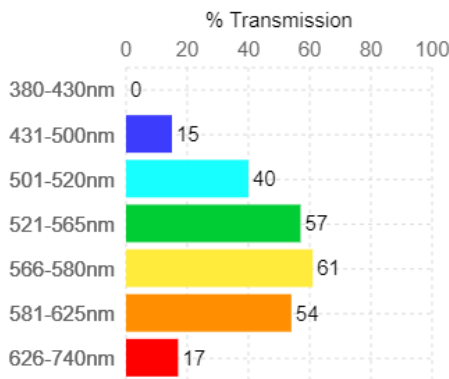


Protection

OD 7 @ 200-400nm
OD 7 @ 850-1100nm
OD 5 @ 9000-10600nm
U7L2.5R7KTKZ87

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

VP5151 CIE Colorimetry



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...](#)

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.

LINK: <https://www.kenteklaserstore.com/acr-vp5151-laser-safety-viewing-panels>

