

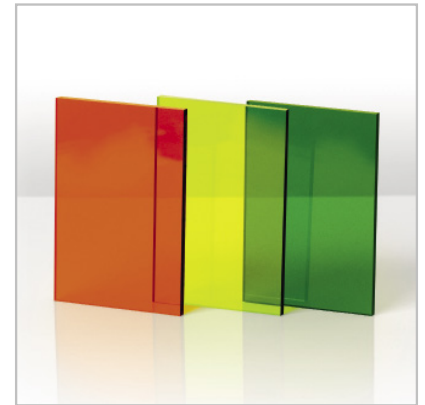


Acrylic Laser Protective Windows According to EN 207

LASER COMPONENTS' laser protective windows are certified according to EN 207. They are a suitable addition to the areal laser protection options offered and are available in stock in three different standard sizes.

Custom sizes and customer-specific additions to areal laser protective housings (curtains, walls) are also available upon request.

Acrylic laser protective windows are extremely lightweight. Thus, they are also available in large dimensions with three different selections of certified filter material: 6NDY, BB2 and IR3.



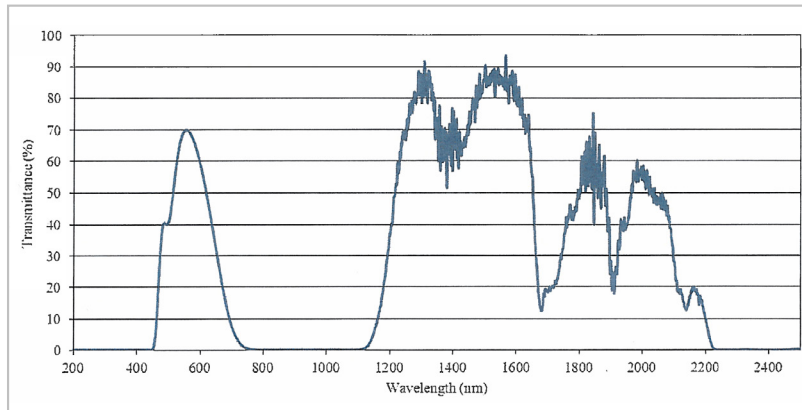
Protective Classes According to DIN EN 207:

6NDY:

VLT 70%; thickness: 3 mm; color: light green

λ [nm]	Protective Class	Optical Density
180 – 315	D LB6 + IR LB4 +	OD 6+
266	D LB7 + IR LB4	OD 6+
316 – 437	DIR LB5	OD 4+
438 – 454	DIR LB2	OD 1+
455 – 460	DIR LB1	OD 1+
695 – 739	DIR LB1	OD 1+
740 – 768	DIR LB2	OD 1+
769 – 790	DIR LB3	OD 2+
791 – 811	DIR LB4	OD 3+
812 – 832	IR LB5	OD 4+
833 – 1071	DIR LB6	OD 6+
1072 – 1082	DIR LB5	OD 5+
1083 – 1094	DIR LB4	OD 4+
1095 – 1108	DIR LB3	OD 3+
1109 – 1128	DIR LB2	OD 1+

λ [nm]	Protective Class	Optical Density
1129 – 1160	DIR LB1	OD 1+
2200 – 2233	DIR LB2	OD 2+
2223 – 2239	DIR LB2	OD 2+
2240 – 2320	DIR LB3	OD 3+
2331 – 2316	DIR LB3	OD 3+
2709 – 3697	DIR LB3	OD 3+
3734 – 3951	DIR LB3	OD 3+
4100 – 4380	DIR LB3	OD 3+
4575 – 11000	DIR LB3	OD 5+

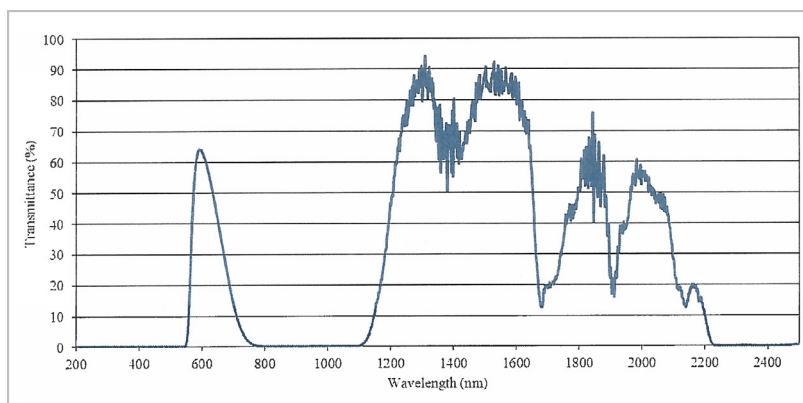


BB2:

VLT 27%; thickness: 3 mm; color: amber

λ [nm]	Protective Class	Optical Density
180 – 315	D LB6 + IR LB4	OD 6+
266	D LB7 + IR LB4	OD 6+
315 – 433	DIR LB6	OD 6+
532	DIR LB5	OD 6+
315 – 538	DIR LB5	OD 6+
539 – 545	DIR LB3	OD 2+
546 – 550	DIR LB2	OD 1+

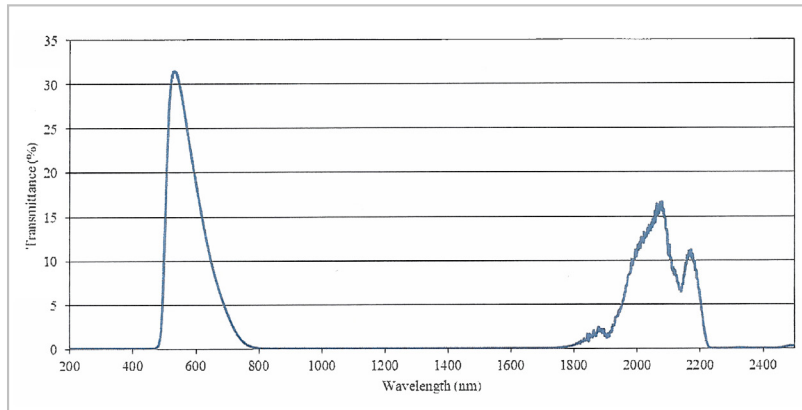
λ [nm]	Protective Class	Optical Density
730 – 757	DIR LB1	OD 1+
758 – 789	DIR LB2	OD 1+
790 – 816	DIRM LB3	OD 2+
817 – 843	DIRM LB4	OD 3+
844 – 1070	DIRM LB5	OD 4+
1064	DIRM LB6	OD 6+
1070	D LB6	OD 5+
1071 – 1081	DIRM LB4	OD 4+
1082 – 1095	DIRM LB3	OD 2+
1096 – 1114	DIRM LB2	OD 1+
1115 – 1147	DIRM LB1	OD 1+
2200 – 2222	DIR LB1	OD 1+
2223 – 2239	DIR LB2	OD 1+
2240 – 2298	DIR LB3	OD 2+
2709 – 3697	DIR LB3	OD 2+
3734 – 3951	DIR LB3	OD 2+
4100 – 4380	DIR LB3	OD 2+
4575 – 11000	DIR LB3	OD 5+



IR3

VLT 25%; thickness: 3 mm; color: green

λ [nm]	Protective Class	Optical Density
180 – 315	D LB6 + IR LB4	OD7+
266	D LB7 + IR LB4	OD7+
315 – 449	DIRM LB5	OD7+
450 – 460	DIRM LB4	OD4+
460 – 474	DIRM LB3	OD3+
475 – 485	DIRM LB2	OD2+
649 – 744	DIR LB1	OD1+
745 – 789	DIR LB2	OD1+
790 – 828	DIR LB3	OD3+
829 – 850	DIR LB4	OD4+
851 – 1245	DIR LB5	OD5+
1064	D LB6 + IR LB7 + M LB6	OD7+
1070	D LB6	OD7+
1071 – 1080	DIR LB5	OD7+
1246 – 1400	DIR LB4	OD4+
1401 – 1750	DIR LB3	OD3+
1751 – 1840	DIR LB2	OD2+
1841 – 1980	DIR LB1	OD1+
2220 – 2222	DIR LB1	OD1+
2223 – 2239	DIR LB2	OD1+
2240 – 2320	DIR LB3	OD2+
2331 – 2316	DIR LB3	OD2+
2709 – 3697	DIR LB3	OD2+
3734 – 3951	DIR LB3	OD2+
4100 – 4380	DIR LB3	OD2+
4575 – 11000	DIR LB3	OD7+



Standard Sizes Available:

- 100 x 200 mm
- 210 x 297 mm (DIN A4)
- 297 x 420 mm
- 300 x 450 mm
- 450 x 600 mm
- 610 x 915 mm
- 915 x 1219 mm