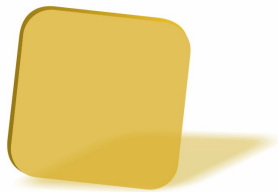


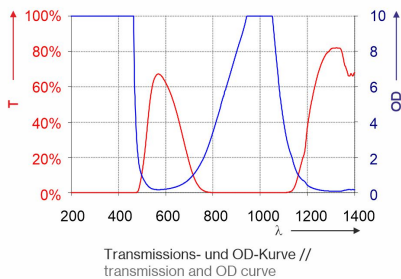
laservision

laser safety window P1P20 (6mm)



Articlenumber: 000P1P202607
GTIN: 4050369051409
Unit: 1 Stück
Weight incl. packaging 1,94 kg

Filtercurve



Highlights

The laser protection window type P1P20 consists of a light gold-colored, absorbent plastic with a scratch-resistant coating and a thickness of 6mm. The laser protection is based on absorption of the laser radiation in the material itself. The window has a daylight transmission of approx. 52% and has a very good visual brightness and good color vision. The laser safety window laservision P1P20 is certified according to the current EN 60825-4 and has protective limit radiation (SGB) for 105s (test class T2): 10600W / m².

| | |
|---------------------------------|-------------------------------------|
| COATING: | Anti-scratch on both sides |
| COLOUR: | gold |
| FILTER MATERIAL: | Plastic |
| FILTER TECHNOLOGY: | Absorption filter |
| FILTER THICKNESS: | 6mm |
| PROTECTION CLASS / NORM: | EN 60825-4 |
| PROTECTION RANGE: | near infrared, visible, ultraviolet |
| VLT (APPROX.): | 52% |
| VISUAL BRIGHTNESS: | Very good |
| COLOUR RECOGNITION: | Good |

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| WAVELENGTH | OD | OPERATING MODE / TESTED PROTECTION LEVEL |
|--------------|---------|--|
| 180 - 315 | (OD10+) | D LB10 + IR LB4 + M LB6Y |
| >315 - 462 | (OD8+) | D LB7 + IR LB8 + M LB8Y |
| >462 - 466 | (OD6+) | DIRM LB6 |
| 800 - <830 | (OD3+) | DIRM LB3 |
| 830 - <850 | (OD4+) | DIRM LB4 |
| 850 - <880 | (OD5+) | DIRM LB5 |
| 880 - <910 | (OD6+) | DIRM LB6 |
| 910 - <940 | (OD7+) | DIRM LB7 |
| 940 - <955 | (OD8+) | D LB7 + IR LB8 + M LB8Y |
| 955 - <975 | (OD9+) | D LB7 + IR LB8 + M LB8Y |
| 975 - 1035 | (OD10+) | D LB7 + IR LB8 + M LB8Y |
| >1035 - 1045 | (OD9+) | D LB7 + IR LB8 + M LB8Y |
| >1045 - 1055 | (OD8+) | D LB7 + IR LB8 + M LB8Y |
| >1055 - 1064 | (OD7+) | DIRM LB7 |
| >1064 - 1075 | (OD6+) | DIRM LB6 |
| >1075 - 1084 | (OD5+) | DIRM LB5 |
| >1084 - 1095 | (OD4+) | DIRM LB4 |
| >1095 - 1105 | (OD3+) | DIRM LB3 |
| 5180 - 14700 | (OD10+) | DI LB5 + R LB3Y |

DIN EN 60825-4

200-469nm | 102 kW/m² | T2 | t_{max} = 105s

850-1084nm | 102 kW/m² | T2 | t_{max} = 105s

4700-25000nm | 102 kW/m² | T2 | t_{max} = 105s

OD

| Wellenlänge (NM) | OD |
|------------------|---------|
| 180 - 460 | (OD10+) |
| >460 - 462 | (OD9+) |
| >462 - 464 | (OD8+) |

laser safety window P1P20 (6mm)

| | |
|---------------|---------|
| >464 - 467 | (OD7+) |
| >467 - 470 | (OD6+) |
| >470 - 472 | (OD5+) |
| >472 - 474 | (OD4+) |
| >474 - 478 | (OD3+) |
| >478 - 484 | (OD2+) |
| >484 - 500 | (OD1+) |
| 700 - <740 | (OD1+) |
| 740 - <765 | (OD2+) |
| 765 - <780 | (OD3+) |
| 780 - <792 | (OD4+) |
| 792 - <808 | (OD5+) |
| 808 - <825 | (OD6+) |
| 825 - <840 | (OD7+) |
| 840 - <860 | (OD8+) |
| 860 - <880 | (OD9+) |
| 880 - 1070 | (OD10+) |
| >1070 - 1080 | (OD9+) |
| >1080 - 1086 | (OD8+) |
| >1086 - 1092 | (OD7+) |
| >1092 - 1100 | (OD6+) |
| >1100 - 1108 | (OD5+) |
| >1108 - 1115 | (OD4+) |
| >1115 - 1125 | (OD3+) |
| >1125 - 1140 | (OD2+) |
| >1140 - 1165 | (OD1+) |
| 2115 - <2125 | (OD1+) |
| 2125 - 2160 | (OD2+) |
| >2160 - <2265 | (OD1+) |
| 2265 - 2510 | (OD3+) |
| >2510 - 2600 | (OD2+) |
| >2600 - 2670 | (OD1+) |
| 2670 - 2900 | (OD2+) |
| >2900 - <2960 | (OD1+) |

laser safety window P1P20 (6mm)

| | |
|--------------|-----------------|
| 2960 - <3025 | 3025 - <3070 |
| (OD3+) | 3070 - <3110 |
| (OD4+) | 3110 - <3125 |
| (OD5+) | 3125 - 3610 |
| (OD6+) | >3610 - 3690 |
| (OD4+) | >3690 - 3760 |
| (OD3+) | >3760 - <3810 |
| (OD2+) | 3810 - <3945 |
| (OD3+) | 3945 - <4015 |
| (OD4+) | 4015 - 4210 |
| (OD6+) | >4210 - <4360 |
| (OD5+) | 4360 - 4620 |
| (OD6+) | >4210 - <4360 |
| (OD5+) | 4360 - 4620 |
| (OD6+) | >4620 - <4715 |
| (OD4+) | 4715 - <4785 |
| (OD6+) | 4785 - 5035 |
| (OD10+) | >5035 - <5170 |
| (OD7+) | 5170 - 14000 |
| (OD10+) | >14000 - <16290 |
| (OD7+) | 16290 - 21580 |
| (OD10+) | >21580 - <22895 |
| (OD7+) | 22895 - 25000 |
| (OD10+) | |