P1…… LP-GHP 180 - 540nm OD5+

P2 …….... LP-GHP-2 180 - 534nm OD7+

P3 …… LP-GTY 180 - 532nm OD5+ & 900 - 1080nm OD5+

P4 …… LP-GTY-2 180 - 534nm OD6+ & 800 - 1100nm OD5+ & 900 - 1095nm OD6+

P5 …… LP-DHP 585 - 595nm OD4+

P6 …… LP-RHP 620 - 700nm OD4+

P7 …… LP-RHP-2 620 - 700nm OD6+

P8 ……..LP-RTD-3 630 - 660nm OD2+ & 800 - 1100nm OD5+

P9…….... LP-RTD-4 630 - 660nm OD3+ & 800 - 830nm OD3+ & 900 - 1100nm OD5+

P10 …… LP-RTD-5 200 - 450nm OD4+ & 630 - 660nm OD4+ & 800 - 1100nm OD6+

P11 …… LP-ATD 740 - 850nm OD5+ & 780 - 830nm OD6+

P12…… LP-ADY 740 - 780nm OD＞5 & 780 - 820nm OD＞6 & 820-1100nm OD＞7

P13 …… LP-ADY-2 720 - 1100nm OD 5+ & 750 - 1100nm OD 7+

P14 …… LP-DTY 800 - 1700nm OD4+ & 900 - 1550nm OD6+

P15 …… LP-YHP 660nm OD＞1 & 800 - 1095nm OD＞5

P16 …… LP-YHP-2 800 - 900nm OD＞6 & 900 - 1100nm OD＞7

P17 …… LP-HOL 1900 - 3000nm OD4+ & 2000 - 2300nm OD5+

P18 ……..... LP-ERL 2700 - 3000nm OD 6+

P19 …… LP-CHP 9000 - 11000nm OD 6+

P20 …… LP-IPL 200 – 1800nm (10% Transmittance)

P21 …… LP-IPL-2 200 – 1800nm (2% Transmittance)

P22 …… LP-PAT 200 – 2000nm (For Patient/customer)

P23 …… LP-PAT-M 200 – 11000nm (Metal Material)

P24 …… LP-YLW Laser Safety Window (Fiber Laser)

P25……. LP-YLW6　Laser Safety Window (High Transmittance)

P26 ……..... LP-YLW7　Laser Safety Window (PC Material)

P27 ……. LP-GLW　　Laser Safety Window（532nm）

P28 ……. LP-VLW　　Laser Safety Window（450nm）

P29 ……. LP-YL7-H　Laser Welding Helmet #1001 OD7+

P30 ……. LP-YL7-H　Laser Welding Helmet #1003 OD7+

P31 …….....LP-YL8-H　Laser Welding Helmet #1001 OD8+

P32……..... LP-YL8-H　Laser Welding Helmet #1003 OD8+



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LP-GHP 180 - 540nm

Optical Density: 180 - 540nm OD5+

LB-Rating: 315 - 540nm DIRM LB5

Transmittance: 40%

Available for: 266nm, 355nm, 515nm, 532nm, etc.,

Application: Excimer, Ultraviolet, Green laser, Argon, KTP

According: CE EN207



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LP-GHP-2 180 - 534m (High protection)

Optical Density: 180 - 534m OD7+

LB-Rating: 315 - 534nm DIRM LB6

Transmittance: 25%

Available for: 266nm, 355nm, 515nm, 532nm, etc.

Application: Excimer, Ultraviolet, Green laser, Argon, KTP

According: CE EN207



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LP-GTY 180 - 532nm & 900 - 1080nm

Optical Density: 180 - 532nm OD5+
900 - 1080nm OD5+

LB-Rating: 316 - 532nm DIRM LB5
900 - 1080nm DIR LB5

Transmittance: 22%

Available for: 532nm & 1064nm etc.

Application: 2 line YAG and KTP, Q-Switched

According: CE EN207



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LP-GTY-2 180 - 534nm & 800 - 1100nm

Optical Density: 180 - 534nm OD6+
800 - 1100nm OD5+
900 - 1095nm OD6+

LB-Rating: 315 - 534nm DIRM LB6
800 - 1100nm DIR LB5
900 - 1095nm DIRM LB6

Transmittance: 20%

Available for: 532nm & 808nm & 1064nm etc.

Application: 2 line YAG and KTP, Q-Switched

According: CE EN207

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LP-DHP 585 - 595nm

Optical Density: 585 - 595nm OD4+

LB-Rating: 585 - 595nm DIR LB4

Transmittance: 30%

Available for: 585nm, 595nm, etc.

Application: Pulsed-dye laser, Yellow laser

According: CE EN207

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LP-RHP 620 - 700nm

Optical Density: 620 - 700nm OD4+

LB-Rating: 620 - 700nm DIR LB4

Transmittance: 50%

Available for: 635nm, 650nm, 694nm, etc.

Application: Red lasers, Ruby

According: CE EN207



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LP-RHP-2 620 - 700nm (High protection)

Optical Density: 620 - 700nm OD6+

LB-Rating: 620 - 700nm DIR LB5

Transmittance: 25%

Available for: 635nm, 650nm, 694nm etc.

Application: Red lasers, Ruby

According: CE EN207









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LP-RTD-3 630 - 660nm & 800 - 1100nm

Optical Density:	630 - 660nm OD2+ 800 - 1100nm OD5+
LB-Rating:	630 - 660nm DIR LB2 800 - 1100nm DIR LB5
Transmittance:	30%
Available for:	650nm, 808nm, 980nm, etc.
Application:	Red lasers, Diodes
According:	CE EN207



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LP-RTD-4 630 - 660nm & 800 - 830nm & 900 - 1100nm

Optical Density: 630 - 660nm OD3+
800 - 830nm OD3+
900 - 1100nm OD5+

LB-Rating: 630 - 660nm DIR LB3
800 - 830nm DIR LB3
900 - 1100nm DIR LB5

Transmittance: 25%

Available for: 650nm, 808nm, 905nm, 980nm

Application: Red lasers, Diodes

According: CE EN207



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LP-RTD-5 200 - 450nm & 630 - 660nm & 800-1100nm

Optical Density: 200 - 450nm OD4+
630 - 660nm OD4+
800 - 1100nm OD6+

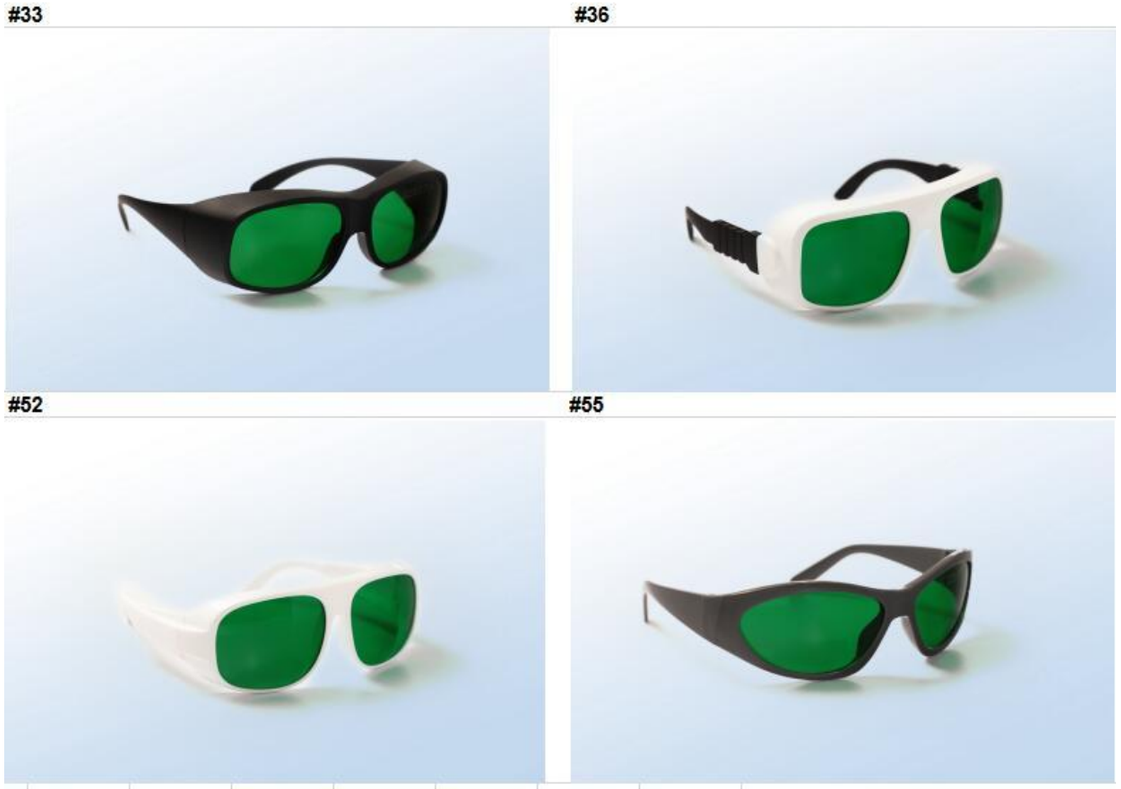
LB-Rating: 316 - 440nm D LB5 + IR LB6
440 - 450nm DIR LB4
630 - 660nm DIR LB4
800 - 1080nm DIR LB6

Transmittance: 18%

Available for: 450nm, 650nm, 808nm, 980nm, etc.

Application: Red lasers, 808&980nm Diodes

According: CE EN207



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LP-ATD 740 - 850nm

Optical Density: 740 - 850nm OD5+
780 - 830nm OD6+

LB-Rating: 740 - 850nm DIR LB5
780 - 830nm DIR LB6

Transmittance: 35%

Available for: 755nm & 808nm

Application: Alexandrite, 808nm diodes

According: CE EN207



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LP-ADY 740 - 1100nm

Optical Density: 740 - 780nm OD>5
780 - 820nm OD>6
820 - 1100nm OD>7

LB-Rating: 740 - 780nm DIR LB5
> 780 - 820nm D LB5 + IR LB6
> 820 - 1080nm D LB5 + IR LB7

Transmittance: 33%

Available for: 755nm, 808nm, 980nm,1064nm

Application: Alexandrite, Diodes, ND: YAG

According: CE EN207



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LP-ADY-2 720 - 1100nm (High protection)

Optical Density: 720 - 1100nm OD5+
750 - 1100nm OD7+

LB-Rating: 720 - 1100nm DIRM LB5
750 - 1100nm D LB6 + IRM LB7

Transmittance: 25%

Available for: 755nm, 808nm, 980nm,1064nm

Application: Alexandrite, Diodes, ND: YAG

According: CE EN207

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LP-DTY 800 - 1700nm

Optical Density: 800 - 1700nm OD4+
900 - 1550nm OD6+

LB-Rating: 800 - 1400nm DIRM LB4
900 - 1400nm DIRM LB6
1400 - 1700nm DI LB3

Transmittance: 18%

Available for: 980nm, 1064nm,1320nm, 1470nm, 1550nm

Application: Diodes, ND: YAG, Telecom

According: CE EN207



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LP-YHP 660nm & 800 - 1095nm

Optical Density: 660nm OD>1
800 - 1095nm OD>5

LB-Rating: 660nm DIR LB1
800 - 1095nm DI LB5 + R LB5

Transmittance: 43%

Available for: 808nm, 980nm

Application: Dental lasers, Diodes

According: CE EN207



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LP-YHP-2 800 - 1100nm

Optical Density: 800 - 900nm OD>6
900 - 1100nm OD>7

LB-Rating: 800 - 900nm D LB5 + IR LB6
900 - 1080nm D LB5 + IR LB7

Transmittance: 41%

Available for: 808nm, 980nm,1064nm

Application: Dental lasers, Diodes, ND: YAG, Fiber laser

According: CE EN207



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LP-HOL 1900 - 3000nm

Optical Density: 1900 - 3000nm OD4+
2000 - 2300nm OD5+

LB-Rating: 1900 - 3000nm DI LB3

Transmittance: 55%

Available for: 2100nm

Application: Holmium lasers, thulium laser

According: CE EN207



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LP-ERL 2700 - 3000nm

Optical Density: 2700 - 3000nm OD6+

LB-Rating: 2940nm DI LB3

Transmittance: 87%

Available for: 2780nm, 2940nm

Application: Erbium lasers

According: CE EN207



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LP-CHP 9000 - 11000nm

Optical Density: 9000 - 11000nm OD6+

LB-Rating: 10600nm DI LB3

Transmittance: 83%

Available for: 10600nm

Application: CO2 laser

According: CE EN207



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LP-IPL 200 - 1800nm

Protect wavelength: 200 - 1800nm

Transmittance: 10%

Application: IPL Machine

According: CE EN169



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LP-IPL-2 200 - 1800nm

Protect wavelength: 200 - 1800nm

Transmittance: 2%

Application: IPL Machine

According: CE EN169



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LP-PAT 200-2000nm



Protect wavelength: 200 - 2000nm

Transmittance: 0%

Application: Patient or customer use

According: CE EN169

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LP-PAT-M 200-11000nm



Optical Density: 200 - 11000nm OD7+

LB-Rating: 180 - 315nm D LB9 + IR LB4
>315 - 1400nm D LB7 + IR LB8
>1400 - 11000nm DI LB4

Transmittance: 0%

Application: Patient or customer use

According: CE EN169

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LP-YLW 930 - 1700nm

Laser Safety Window (Fiber Laser)

Optical Density: 930-1030nm OD>5
1030-1090nm OD>7
1090 - 1130nm OD >6
1130 - 1700nm OD>5

LB-Rating: >930-1030nm DI AB5
>1030-1090nm D AB6 + IR AB7Y
>1090-1130nm DI AB6

Transmittance: 22%

Standard size: 1000*1200mm, could be customized

Thickness: 5mm

Application: Fiber Laser Protection

According: CE EN12254



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LP-YLW6 900 - 1070nm

Laser Safety Window (High Transmittance)

Optical Density: 900 - 1070nm OD >6

LB-Rating : >900-1070nm DIR AB6

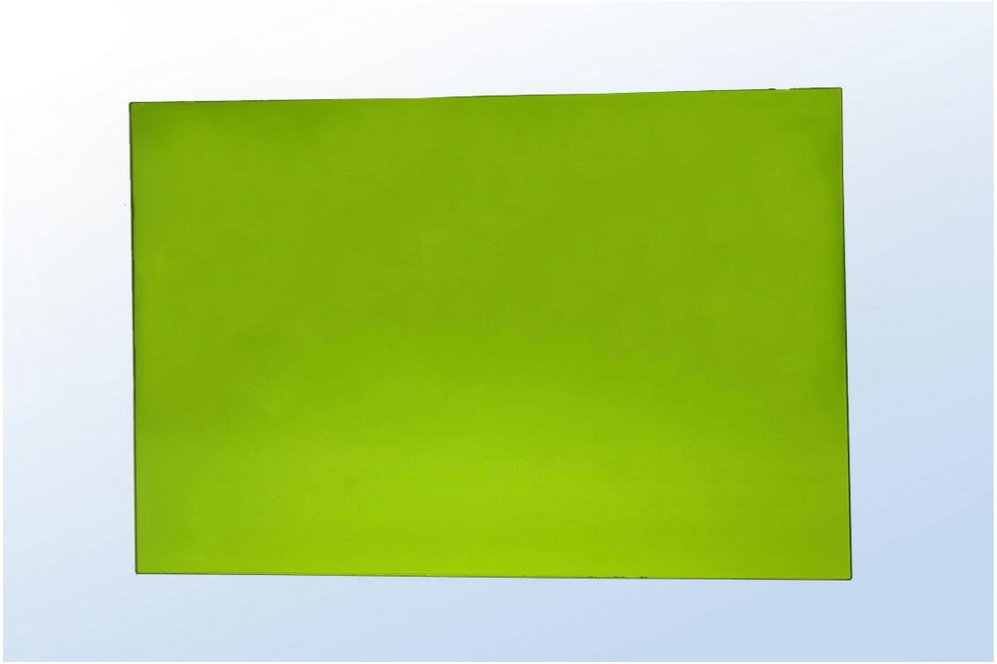
Transmittance: 40%

Standard size: 1000*1200mm, could be customized

Thickness: 5mm

Application: Fiber Laser Protection

According: CE EN12254



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LP-YLW7 930 - 11000nm

Laser Safety Window (PC Material)

Optical Density: 930-1030nm OD>5
1030-1090nm OD>7
9000 - 11000nm OD >6

LB-Rating : >930-1030nm DI AB5
>1030-1090nm D AB6 + IR AB7Y
>9000-11000nm DI AB4

Transmittance: 20%

Standard size: 1000*1200mm, could be customized

Thickness: 5mm

Application: Fiber Laser Protection

According: CE EN12254



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LP-GLW 200-540nm

Laser Safety Window

Optical Density: 200-540nm OD>5

LB-Rating : 315-540nm DIR AB5

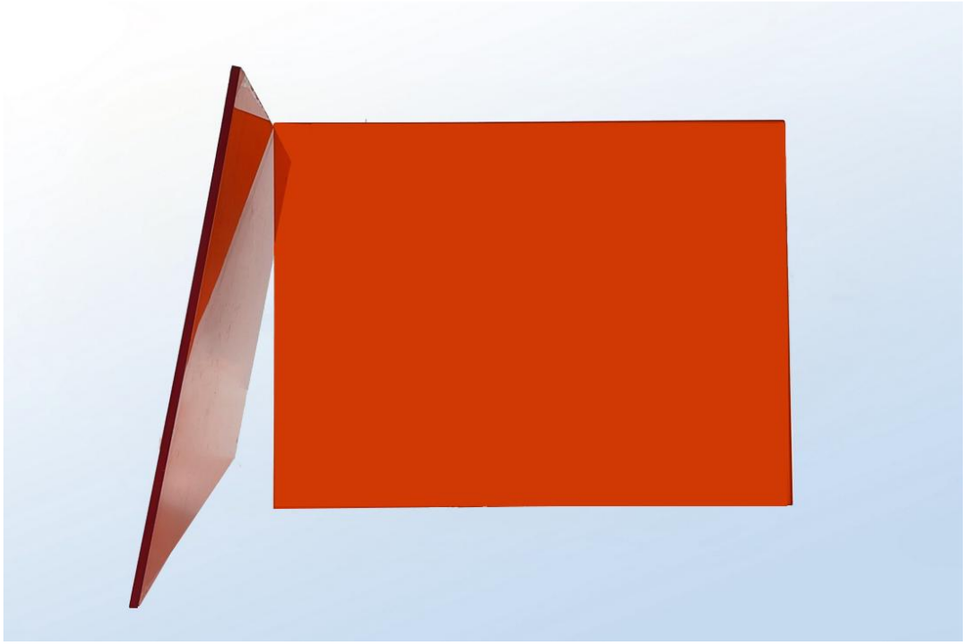
Transmittance: 20%

Standard size: 1000*1200mm, could be customized

Thickness: 5mm

Application: Laser engraving

According: CE EN12254



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LP-VLW 200-460nm

Laser Safety Window

Optical Density: 200-460nm OD>5

LB-Rating : 315-460nm DIR AB5

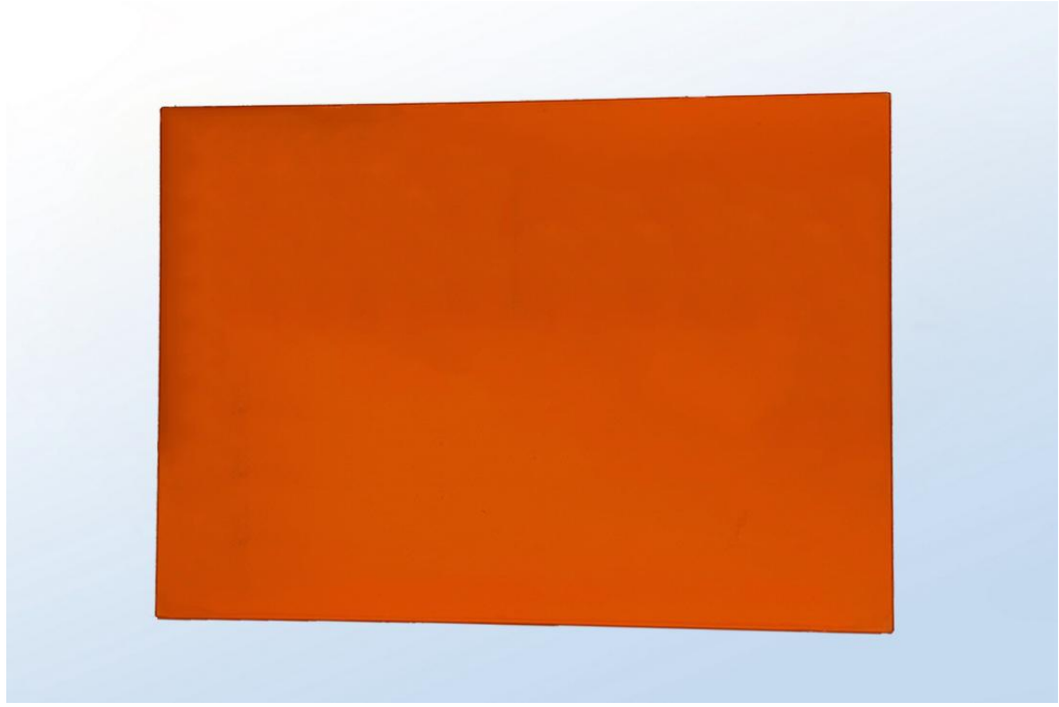
Transmittance: 20%

Standard size: 1000*1200mm, could be customized

Thickness: 5mm

Application: Laser engraving

According: CE EN12254



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LP-YL7-H #1001 900-1100nm OD7+

Laser Welding Helmet

Optical Density: 900-1100nm OD7+
900-1100nm OD7+ DIN 4

LB-Rating: 900-1100nm D LB6 + IR LB7

Transmittance: 8%

Application: Fiber Laser Protection

According: CE EN175, EN207



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LP-YL7-H #1003 900-1100nm OD7+

Laser Welding Helmet

Optical Density: 900-1100nm OD7+
900-1100nm OD7+ DIN 4

LB-Rating: 900-1100nm D LB6 + IR LB7

Transmittance: 6%

Application: Fiber Laser Protection

According: CE EN175, EN207



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LP-YL8-H #1001 900-1100nm OD8+

Laser Welding Helmet

Optical Density: 900-1100nm OD8+
900-1100nm OD8+ DIN 4

LB-Rating : 900-1100nm D LB6 + IR LB8

Transmittance: 8%

Application: Fiber Laser Protection

According: CE EN175, EN207



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LP-YL8-H #1003 900-1100nm OD8+

Laser Welding Helmet

Optical Density: 900-1100nm OD8+
900-1100nm OD8+ DIN 4

LB-Rating : 900-1100nm D LB6 + IR LB8

Transmittance: 6%

Application: Fiber Laser Protection

According: CE EN175, EN207

