

SAFETY PERFORMANCE

LASER SAFETY
EQUIPMENT

LASER SAFETY
BARRIERS

LASER SAFETY
CABINS

LASER SAFETY
GOGGLES

PROTECT

CE

6021 PFE EC



Model: Coverlight (Black)

Item nr.: 3612SPL000-K0206-COVE-01

Protection level: > 900 – 1100, D LB6 + IR LB8, (OD8+), PF CE

Filter: Green, 3.5mm thick, VLT 20%

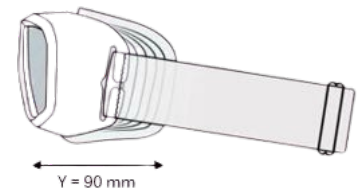
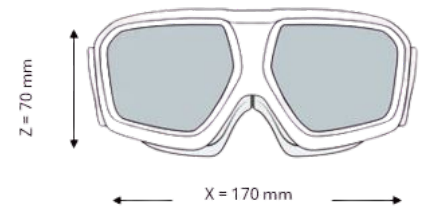
Frame:

Lightweight aluminium alloy frame (coated)

Complete seal thanks to rubberized pad

Optimum ventilation prevents the goggle from fogging up

Adjustable, elastic headband, can be used over prescription glasses



Model: Coverlight (Black)

Item nr.: 3612SPL000-G0153-COVE-01

Protection level: 1025 – 1100, D LB8 + IR LB9 + M LB9Y, (OD9+), PF CE

Filter: Hellgrau, 3.9mm thick, VLT 58%

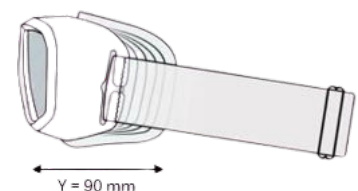
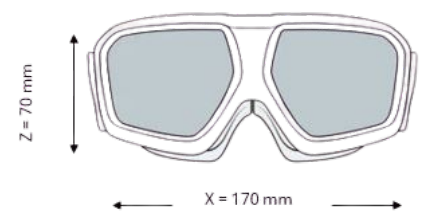
Frame:

Lightweight aluminium alloy frame (coated)

Complete seal thanks to rubberized pad

Optimum ventilation prevents the goggle from fogging up

Adjustable, elastic headband, can be used over prescription glasses



Model: Gladiator (Grey)

Item nr.: 3612SPL000-G0153-GLAD-20

Protection level: 1025 – 1100, D LB8 + IR LB9 + M LB9Y, (OD9+), PF CE

Filter: Hellgrau, 3.9mm thick, VLT 58%

Frame:

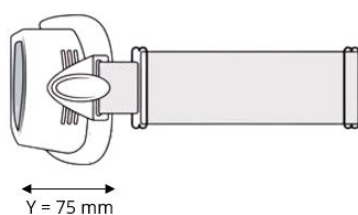
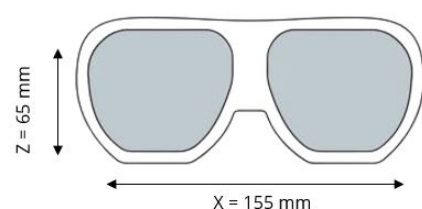
Consisting of lightweight aluminium alloy with coating

High wearing comfort due to pressure-free fit

Circumferential rubberized face pad

Elastic, adjustable headband

Laser safety goggles (suitable on top of prescription glasses)





Model: Starlight X2 (Black)

Item nr.: 3612SPL000-K0206-STAR-X2-52

Protection level: 900 – 1100, D LB6 + IR LB8, (OD8+), PF CE

Filter: Green, 3.5mm thick, VLT 20%

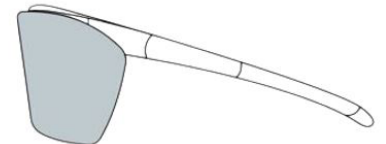
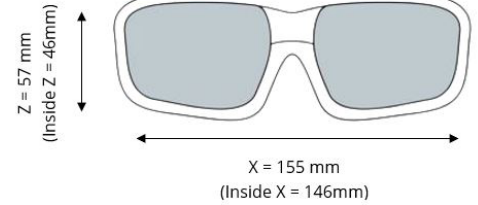
Frame:

Adjustable temple tips

Soft nose pads and additional rubber lip in the forehead area

Wide Lens

Higher protection levels through modification



Model: Starlight Plus (Black/grey)

Item nr.: 3612SPL000-G0431-STAR-A-03

Protection level: 982 – 1100, D LB8 + IR LB9, (OD10+), PF CE

Filter: light grey, 3mm, VLT 73%

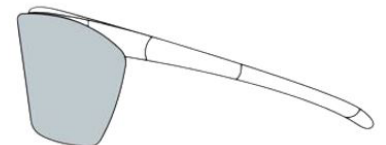
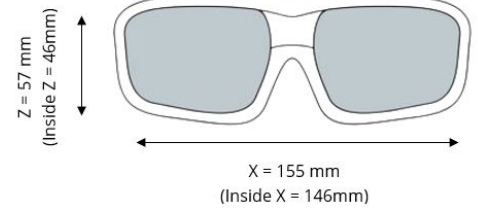
Frame:

Adjustable temple tips

Soft nose pads and additional rubber lip in the forehead area

Wide Lens

Aluminium frame, offers higher protection levels through modification



Model: Spector (grey)

Item nr.: 3612SPL000-G0153-SPEC-20

Protection level: 1025-1100, D LB8 + IR LB9 + M LB9Y (OD9+), PF CE

Filter: Light grey, 3.9 mm thick, VLT 58%

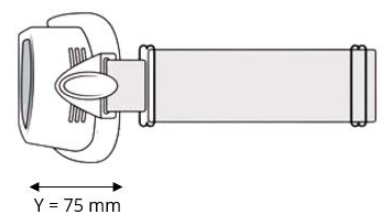
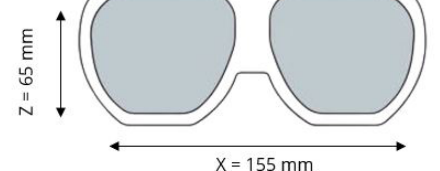
Frame:

Made from a light aluminium alloy with coating

Comfortable to wear by pressure-free fit

Circumferential padded face rest

Adjustable elastic head band



Type: Maximus

Item nr.: 3612SPL400-HELM

ACC. To EN207, ISO 16321

*“For Hand- Guided
High-performance
laser welding systems”*



ADF – Darkening
Range 4/6-8 (9-13), large viewing
Area 6 x 68.5 mm



Fast shutter response time (150µs)



Highest available eye protection according
to EN207 Laser absorbing glass
950 – 1100 NM D LB7' + IR LB8 (OD8+)



ISO 16321: High-speed impact resistance
Level E



Flexible helmet shell and adjustable head
gear



Compatible with separately available fresh
air supply



Greater surface coverage and better heat
dissipation. Melting point at 600°C
(higher compared to standard welding
helmets!)



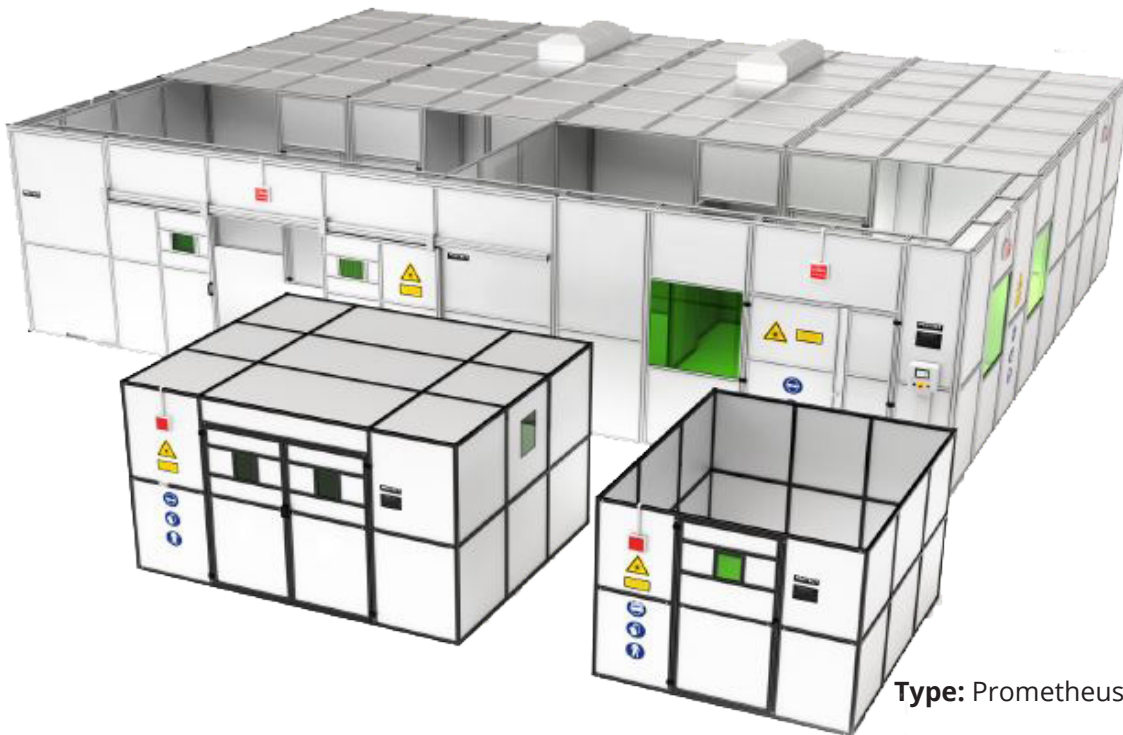
Power supply with solar cell and 2x LI-Ion
batteries



Adjustable and automatic dimming

Type: Prometheus

Item nr.: 3612SPL250-PROM-Cabin



Type: Prometheus

Item nr.: 3612SPL250-PROM-Cabin

Sizes (W x H x D mm): customized

The laser safety cabin is supplied as a kit.

Tolerances: +/- 1 mm/running meter

Protection levels according to EN 12254:

D AB 10 + IR AB5 + M AB6Y	180 - 315
DR AB7 + I AB8 + M AB10	> 315 - 1050
D AB7 + I AB8 + RAB6 + M AB 10	> 1050 - 1400
DIR AB4 + M AB5Y	> 1400 - 11000
PF CE	

DIN EN 60825-4:

1064mm	1mm	101,86 MW/m ²	300s	T2*
1064mm	20mm	6,37 MW/ m ²	240s	T2*

*Reference values are for guidance only

Custom-configured and custom-made laser safety cabin made of aluminium, glazed according to protection requirements. Optionally also with interlock system, ventilation and various door/lock variants

Type: PEGASUS

Barrier type: Mobile Barrier

Item no.: 3612SPL250-PEGASUS

Weight: 19 kg pro panel

Covering area (w x h mm): 1250x 2200 x 60 (BxHXT), inkl. 30mm stand Höhe (1Panel)

Tolerance: +/- 1 mm/lfm

Protection levels according to EN 12254:

D AB 10 + IR AB5 + M AB6Y		180 - 315
DR AB7 + I AB8 + M AB10	>	315 - 1050
D AB7 + I AB8 + RAB6 + M AB 10	>	1050 - 1400
DIR AB4 + M AB5Y	>	1400 - 11000
PF CE		

DIN EN 60825-4:

1064mm	1mm	101,86 MW/m ²	300s	T2*
1064mm	20mm	6,37 MW/ m ²	240s	T2*

*Reference values are for guidance only

Type: ISO PROTECT SERVICE

Barrier type: Mobile curtain with frame

Item no.: 3612SPL240-SERVICE

Weight: approx. 5 kg per transport bag

Covering area (w x h mm): 3000x 2000 (3Panels), 1000 x 2000 (1Panel)

Protection levels according to EN 12254:

D AB8 + IR AB3 + M AB5Y		180 - 315
DR AB5 + I AB7 + R AB6 + M AB8	>	315 - 1050
D AB4 + I AB7 + R AB6 + M AB 8	>	1050 - 1400
DIR AB2 + M AB4Y	>	1400 - 11000
PF CE		

DIN EN 60825-4:

1064mm	1mm	2,09 MW/m ²	153s	T2*
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*Reference values are for guidance only

