

5. PhotonSafe® Laser Protecting Clothing

Laser Safety Gloves+

Certified Laser-Safety Clothing



Laser Protective Performance with 1064nm Laser: Because of the increasing application of high-power handheld laser welding systems, this kind of working protection has become more and more important.

Laser -Safety Clothing (Passive laser PPE) serves as a screen in order to protect the operator against incident laser radiation

for as long as possible. However, the user of the laser-protective clothing must be enabled to remove the irradiated body part from the hazard area before a second degree burn occurs. Therefore, the person concerned must be able to percept the effect of the laser radiation, i.e. the pain caused.

The five-finger glove and the 1,2 m long apron employs breathable technology and features certified resistance of 3.000 kW/m² against laser radiation of 1064 nm before exceeding the maximum permissible exposure skin value.

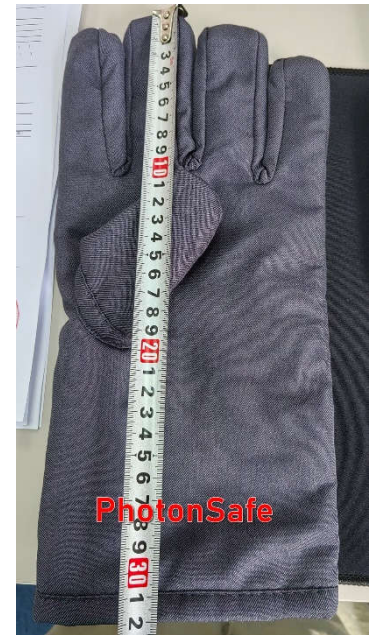
- Suitable for use according to the welding protection standard EN ISO11611
- Suitable for use according to heat and flame protection standard EN ISO 11612
- Tested following laser Standard DIN EN 12254:2012-04

Laser Safety Apron+

- material: inner special fabric with high temperature resistance of 3000°C + outer aramid fabric
- No Penetration: Power density: 300w/cm² (test-power = 83w, beam diameter = 6 mm, distance = 90 mm, for 10 seconds)
- black, free size, length of 1.2m

Laser Safety gloves+

- material: inner special fabric with high temperature resistance of 3000°C + outer aramid fabric
- No Penetration: Power density: 300w/cm² (test-power = 83w, beam diameter = 6 mm, distance=90mm, for 10 seconds)
- Black



apron	€ 2.488,9 ex Vat
gloves	€ 300,4 ex VAT