Why the Eyes Protection Important

Eyes hazards can occur from the intense light and radiation which are produced by welding arc. Eye hazards could also occur from hot slag or other metal debris which can fly off from welding, cutting, gouging and grinding.

How to Choose Eye Protection Products

- Arc welding, air plasma cutting and gouging are required full fact protection by using welding helmet and hand shield.
- The light intensity of gas cutting or brazing is much less than from arc welding, plasma cutting and gouging processes, light shade filter lenses can be used with goggles instead of a welding helmet.

How to Protect Eyes From Welding Hazards

- Protect eyes from welding light by wearing welding helmet fitted with a filter shade which is suitable for the welding process you are doing.
- Always wear safety glasses with side shields or goggles during welding, cutting, gouging if you are not wearing a welding helmet.

PPE-Goggles-001/002

Modle	PPE-Goggles-001	PPE-Goggles-002
The type of power supply	solar energy	solar energy
Frame group size(mm)	108*50	108*50
Window size(mm)	90*30	90*30
Brightness level	DIN3	DIN3
Dark state level	DIN11	DIN11
Dark-state moderation	self-regulation	self-regulation
Variable light response time	1/10000S	1/10000S
Recovery time	0.1-0.8s	0.1-0.8s
Arc sensors	2	1
Sensing sensitivity	No	No
Delay adjustment	No	No
Operating temperature(°C)	-10~65 ℃	-10~65 ℃
Volume warning	No	No
True color lenses	Yes	Yes
Face shield material	PP	PP
Weight(g)	70	60

Laser Safety Glasses

PPE-Goggles-003

- Optical Density: 740 - 780nm OD>5/780 - 820nm OD>6/ 820 - 1100nm OD>7
- LB-Rating: 740-780nm DIR LB5780-820nm DLB5+IR LB6/>820-1080nm DLB5+IR LB7
- Transmittance: 33%
- Available for: 755nm, 808nm, 980nm,1064nm etc.,
- Application: Alexandrite, Diodes, ND: YAG

PPE-Goggles-004

- 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 etc.,
- Application: Diodes, ND: YAG, Telecom

PPE-Goggles-005

- 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