

A copy of this manual and the Declaration of Conformity for the product can be found on the product page: documents.jpsafety.com

This product has been designed and developed to protect the operator's eyes and face against harmful optical radiation and other specific risks or hazards in usual welding, cutting or similar operations. The shield is designed to incorporate protective filters with cover & backing ocular.

MAINTENANCE AND STORAGE

When not in use or during transportation, the shield should be stored in a container that is out of direct sunlight, away from chemicals and abrasive substances and cannot be damaged by physical contact with hard surfaces / items. Do not store outside temperature range of +2°C to +55°C or with humidity above 75%RH. To maintain the unit in the best possible condition, do not use solvents or abrasive materials to clean. Rinse with mild detergent in tap water and dry with a soft cloth. Scratched or damaged units / filters should be replaced. Suitable filters (table 1), cover and / or backing oculars are available to buy from manufacturer website. Under normal circumstances the PPE has a useful life of 5 years or a life of 10 years from date of manufacture, whichever comes first.

INSPECTION AND CARE

The unit should be examined daily for obvious signs of cracking, brittleness or damage. Whilst the shield is free from defects it is suitable for its intended purpose. Do not use if components appear damaged or missing.

ADDITIONAL INFORMATION

As required by European health and safety requirements, the user is advised that when the shield is in contact with skin susceptible individuals may experience an allergic reaction. If this is the case, leave the hazard area, remove the shield and seek medical advice. Ensure that the unit is fitted, adjusted, maintained and regularly inspected in accordance with this leaflet.

LIMITATIONS OF USE

- Shield is not designed for laser / laser cutting or gas welding.
- Shield is designed to protect your eyes and face from sparks, spatter and harmful IR and UV radiation. Product will not protect you from explosive devices or corrosive liquids.
- Never operate the shield without filters cover, filters and / or backing ocular properly installed.
- Keep front filter cover, filters and / or backing ocular clean for proper operation.
- Replace unit / component if it is cracked, scratched or pitted to avoid serious personal injury.
- Ensure that the filter cover, filter and backing ocular are in position before use. Without these the EN 175 requirements will not be met.
- Toughened mineral filters shall only be used in conjunction with a suitable backing ocular.

FITTING INSTRUCTIONS (799 MODEL ONLY)

The head height and size can be adjusted as follows:

1. Slide male part of crown strap into female part to obtain correct height, engage retaining pin in the correct hole.
2. Place faceshield on head and check height setting. Ensure headband is not too low on brow. If necessary, repeat step 1 until correct height adjustment is achieved.
3. With faceshield on head press adjuster knob and turn to obtain a firm and comfortable fit.

MARKINGS (Not all markings below will be visible on the product):

	Conformity to European legislation 2016/425
	Manufacturers Trademark
EN 175:1997	Personal protection. Equipment for eye and face protection during welding and allied processes.
EN 169:2002	Personal eye protection. Filters for welding and related techniques.
EN 166:2001	Personal eye protection. Specifications.
#	Welding filter shade (EN169)
S	Meets the requirements for increased robustness
F	Withstands low energy impact form high speed particles
B	Withstands medium energy impact form high speed particles
W	Meets the requirements for dimensional stability (water immersion)
9	Resistance to splashes of molten metals and penetration of hot solids

1. TABLE OF FILTER SHADES

Process	Current A																											
	1,5	6	10	15	30	40	60	70	100	125	150	175	200	225	250	300	350	400	450	500	600							
Covered Electrodes	8				9				10				11				12				13				14			
MAG	8				9				10				11				12				13				14			
TIG	8				9				10				11				12				13				14			
MIG with heavy metals	8				9				10				11				12				13				14			
MIG with light alloys	8				9				10				11				12				13				14			
Air-arc gouging	8				9				10				11				12				13				14			
Plasma jet cutting	8				9				10				11				12				13				14			
Micro - plasma arc welding	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25						
	1,5	6	10	15	30	40	60	70	100	125	150	175	200	225	250	300	350	400	450	500	600							

NOTE: The term "heavy metals" applies to steels, alloy steels, copper and it's alloys, etc.

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