

JACKSON®

SAFETY Brand



WH10 FLIP-UP



A / Une / Una

SureWerx™
Brand / Marque / Marca

CE

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EN WH10 Flip Up Welding Helmet User Instruction Manual

For your own protection, please read these instructions carefully before using this WH10 Welding product.

Warnings!

- Never use this welding helmet without outer and inner protection lenses installed properly as spatter may lead to serious eye or face injury or damage to the welding filters. Although all welding helmets and filters are subjected to full quality inspection, please ensure the welding helmet and welding filter have no physical damage such as cracks, markings or any other sign that may have been caused during the transportation.
- Ensure that the helmet is always equipped with an outside lens (in front of the filter, on the outside of the helmet) and an inner lens (behind the filter, inside the helmet). These protection lenses must be replaced if broken, damaged or covered with welding spatter to such an extent that vision is impaired.
- Inner & outer lenses are consumables and must be replaced regularly with JACKSON SAFETY EC certified replacements (CE marked). Failure to comply with this will may result in serious injury.
- Do not look directly at welding rays with unprotected eyes when the arc strikes. This can cause a painful inflammation of the cornea and irreparable damage to the lens of the eye that may result in the formation of cataracts.
- The welding filters of the WH10 helmets are not waterproof and will not filter intense light correctly if they have been in contact with water.
- Welding helmets and filters have limited heat resistance. Please do not place them near naked flames or hot work surfaces. The operating temperature of welding helmet ranges from minus 5°C to plus 55°C.
- WH10 welding helmets are not suitable for use with laser systems and oxy-acetylene (gas welding) applications. The welding filter must not be used for any other purpose other than welding. They should never be used as sunglasses when driving.
- The material and parts used are not known to cause adverse affect to user hygiene or health, nor are likely to cause irritation, during normal use. However, some materials that may into contact with the wearer's skin could cause allergic reactions to susceptible individuals.

Fields of use and application

WH10 welding helmets and welding filters can be used for the majority of the arc welding applications and for TIG where stated. The welding filters provide protection against harmful UV- and IR-radiation according to the requirement for shade number marked on each passive of automatic (ADF) model; eye protection remains as long as the flip up is in the down position covering the vision.

The following chart is presented as a reference for the selection of the most suitable shade for the welding filter:

Welding process Or related techniques	Current internally in amperes																							
	0.5	1	2.5	5	10	15	20	30	40	60	80	100	125	150	175	200	225	250	275	300	350	400	450	500
E Manual Flux core electrodes Fluxed stick electrodes							9	10	11			12			13			14						
MIG / Metal-Inert-Gas Argon (Ar/He) Steels, alloyed steels, Copper & its alloys etc										10	11	12			13			14						
MIG / Metal-Inert-Gas Argon (Ar/He) Aluminium, copper, nickel And other alloys										10	11	12			13			14	15					
TIG / Tungsten-Inert-Gas Argon (Ar/H ₂) (Ar/He) All weldable metals such as: steels, aluminium, copper, nickel their alloys					9	10	11			12			13			14								
MAG / Metal-active Gas (Ar/CO ₂) (Ar/CO ₂ /He/H ₂) Construction Steel, hardened & tempered steels Cr-Ni-steel, Cr-steel & other alloyed steels										10	11	12	13			14			15					
Electric arc compressed air joining (Melt joining) carbon electrodes (O ₂) Flame grooving compressed air (O ₂)										10			11	12	13	14	15							
Plasma cutting (fusion cutting) All weldable metals see WIG Centre and outer gas: Argon (Ar/H ₂)(Ar/He)										11			12			13								
Plasma cutting (fusion cutting) Micro-plasma welding Centre and outer gas: Argon (Ar/H ₂)(Ar/He)	2.5	5	6	7	8	9	10	11	12			13			14			15						
	0.5	1	2.5	5	10	15	20	30	40	60	80	100	125	150	175	200	225	250	275	300	350	400	450	500

Depending upon the application conditions, the next highest or next lowest protection level can be used.

The darker fields correspond to those areas in which the corresponding welding process cannot be used.

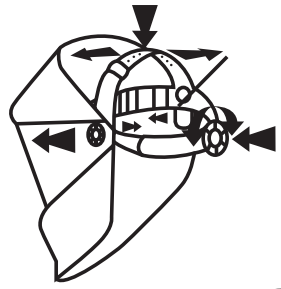
The WH10 welding helmets are suitable, but not limited to the following applications:

- AC/DC pulses
- Inverters WIG/TIG
- Stick welding
- Argon/Helium
- MIG/MAG protective gas electrodes

Preparation for Operation

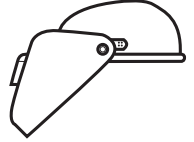
WH10 welding helmets are fully assembled and ready to be used after minor adjustments. All welding helmets are equipped with a comfortable headgear that can be adjusted in four different ways:

- Push and move to adjust the “head height”
- “Rake adjustment” to limit the upper and lower helmet positioning
- Push and turn to adjust the “Head Size”
- Turn to adjust the “Distance from face”



The WH10 welding helmets for hard hat (Type: PELTOR Hard Hat, product G2000) are equipped with a complete fastening mechanism. Fastening mechanism, by way of bolting helmet to adaptor that slots into hard hat sides slots

Before commencing work please inspect carefully the welding helmet and the passive glass for any visible marks, cracks, pitted or scratched surfaces; damaged surfaces even on protection plates reduce vision impair protection. If protection plates are scratched, damaged or built up with spatter please replace.



Service and Maintenance

Welding helmets should not be dropped. Do not place heavy objects or tools (hammers etc.) on or inside the helmet as they might damage the components. If used properly the welding filter requires no further maintenance during its lifetime.

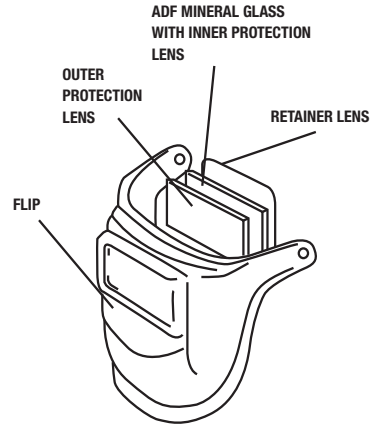
Cleaning

Clean the shield with mild soap and lukewarm water. Do not use solvents. The welding filter should be cleaned when changing the protection lenses. This can be done by wiping it with a clean, dry piece of cloth or with a piece of smooth cloth moistened with pure alcohol or a commercial disinfectant.

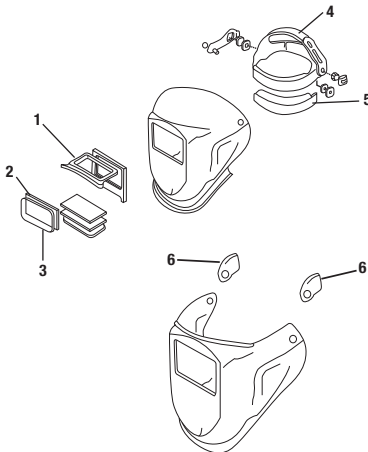
Replacing the outer spatter lens and welding filter

Lift the flip front place helmet on its top. Remove the clip that holds the protective lenses and welding filter replace the component(s) and make sure that you put them back in the same order. Replace the clip if necessary. Make sure that the welding filter stays within outer and inner protective lenses.

Follow the same procedure to replace the protective lens installed on the welding shell, simply remove the clip that hold the cover lens from the inside part of the shell and replace with a suitable JACKSON SAFETY part.



Spare parts for the WH10 welding helmets



1	J8342	WELDING FLIP UP KIT 60x110
2	J8356	WF10 WELDING PASSIVE FILTER 60 x 110 SHADE 9
2	J8347	WF10 WELDING PASSIVE FILTER 60 X 110 SHADE 10
2	J8357	WF10 WELDING PASSIVE FILTER 60 X 110 SHADE 11
2	J8359	WF10 WELDING PASSIVE FILTER 60 X 110 SHADE 12
3	J8348	OUTER PROTECTIVE LENS
4	J8333	JS WELDING HEADGEAR PRO (for the J8070 only)
5	J8330	WELDING SWEAT BAND
6	J8363	HARD HAT ADAPTORS RIGHT AND LEFT (for the J8072 only)

Product marking

Welding shell marking:

	SM	EN 175	CE
Producer	_____	_____	_____
Applicable EN standard	_____	_____	_____
EC conformance mark	_____	_____	_____

Welding visors marking:

	SM	1	B	CE
Producer	_____	_____	_____	_____
Optical classification	_____	_____	_____	_____
Mechanical strength at 45m/sec	_____	_____	_____	_____
EC conformance mark	_____	_____	_____	_____

Protective cover lenses marking:

	SM	1	B	CE
Producer	_____	_____	_____	_____
Applicable EN standard	_____	_____	_____	_____
Mechanical strength at 45m/sec	_____	_____	_____	_____
EC conformance mark	_____	_____	_____	_____

Welding filter marking:

Filter shade:	X	SM	1	CE
Producer	_____	_____	_____	_____
Optical classification	_____	_____	_____	_____
EC conformance mark	_____	_____	_____	_____

Certification and control labels

The *JACKSON SAFETY® WH10 Flip-Up* welding helmets are tested and EC certified by the following notified body:

Notified body 0196
DIN CERTCO Gesellschaft fuer
Konformitaetsbewertung mbH
Alboinstrasse 56
D-12103 Berlin
Germany



EN EU DECLARATION OF CONFORMITY

* The manufacturer or his authorized representative established in the European Community:

BALDER Ltd., Teslova 30, 1000 Ljubljana, Slovenia

** Declares that the new PPE described hereafter:

PPE:	Model name:
Welding helmet	WH10 Flip-Up
Mineral Glass	Mineral Glass Shade 9, Mineral Glass Shade 10, Mineral Glass Shade 11, Mineral Glass Shade 12, Mineral Glass Shade 13
Cover lenses	PC cover lens 110x90mm, 110x60mm

*** Is in conformity with the relevant Union harmonization legislation: Regulation (EU) 2016/425 of the European parliament of the council, Directive 2001/95/EG and the harmonized standards: EN 175:1997-08, EN 166:2002-04, EN 379:2009-07, and is identical to the PPE which is the subject of EC Type Examination Certificate number:

C4371KC/R4	WH10 Flip-Up
C4309KC/R1	Mineral Glass Shade 9
C4310KC/R2	Mineral Glass Shade 10
C4311KC/R2	Mineral Glass Shade 11
C4312KC/R1	Mineral Glass Shade 12
C4313KC/R2	Mineral Glass Shade 13
C3871JP/R6	for all PC Cover lenses

Issued by Notified body 0196, DIN CERTCO Gesellschaft fuer Konformitaetsbewertung mbH, Alboinstrasse 56, D-12103 Berlin, Germany.

**** This declaration of conformity is issued under the sole responsibility of the manufacturer.

Signed for and on behalf of:

Balder Ltd.
Bojan Marin
Facility Manager
Ljubljana, 7.11.2019

