

Technical Data Sheet

New-Tech™ Automatic Welding Shield Shade 9/13

The New-Tech™ Automatic Welding Shield is approved for use with the Concept reduced peak helmet when used in conjunction with the Speedy Loop™ (safety hat adapter).

The Speedy Loop™ enables the welding shield to be easily and quickly fitted to or removed from the Concept helmet.

The automatic darkening filter (ADF) does not require additional batteries.

Shade/Sensitivity settings are user adjustable via potentiometers on the inside of the welding helmet.



Specification	Colour:	Black (K)
	Viewing area:	95 x 46.5mm
	Lens:	Open shade 4 Closed Variable 9/13
	Switching time:	At 23°C - 0.15ms
	Clearing time:	0.4s
	UV/IR protection:	UV16 / IR16
	Markings:	1/1/1/3 Optical classes (optical quality, scattering, homogeneity, angular dependance)
	Code:	S905SL
	Mounting attachment:	Speedy Loop™
Materials	Weight:	S905SL: Welding Shield + Speedy Loop adapter 450g Concept Helmet (S08 only) 300g
	Packaging:	Concept Helmet (S08 only) 300g 1 per box, box size 24.5 x 25 x 31.5cm, box weight 1.14kg
	Welding shield:	Nylon
Standard	Protective covers:	Polycarbonate
	Speedy Loop™:	Nylon
	EN 397:1995+A1, EN 397:2012+A1:2012 - Industrial Safety Helmets	European standard - EN 175:2008 - Equipment for eye & face protection during welding and allied processes EN 379:2012 - Personal eye protection. Automatic welding filters
Storage	<u>Storage</u>	When not in use the welding shield should be stored in a dry place within the temperature range of -20°C to +65°C If stored with a safety helmet, the helmet storage conditions should be used (0°C to 30°C). Prolonged exposure to temperatures above 40°C may decrease the battery lifetime. It is recommended that the solar cell of the filter is kept in the dark or not exposed to light during storage in order to keep the filter on power down mode. This can be achieved by simply placing the filter face down on the storage shelf. If stored in correct conditions the product has a 5 year shelf life.
	- It is always necessary to keep the solar cell and the light of the filter free of dust and spatters	
	- Clean with a soft tissue or a cloth soaked in mild detergent	
Cleaning	- Do not use solvents or abrasives	