

TECHNICAL DATA SHEET

New-Tech Automatic Welding Shield



DESCRIPTION

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 helmet 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.



HELMET COMPATIBILITY

Product Code and Options	Code	Connection Clip	To fit Accessory Slot	For use with
	S905SL	N/A	N/A	Concept Reduced Peak - via the use of the Speedy Loop (S30SL)

SPECIFICATION

Product Code and Specification	Code	Colour	Material			Lens						
			Welding Shield	Protective Cover	Speedy Loop	Viewing area	UV/IR Protection	Optical Class Markings	Shade	Switching Time	Clearing Time	Weight Welding Shield + Speedy Loop
	S905SL	Black	Nylon	Polycarbonate	Nylon	95 x 46.5mm	UV 16 IR 16	1/1/1/3, 1 Optical Quality 1 Scattering, 1 Homogeneity 3 Angular Dependence	Open: Shade 4, Closed: Variable 9/13	0.15ms at 23°C	0.4s	406g

APPLICATIONS

Product Code	Applications	
	Welding (filters for personal eye-protection equipment used in welding and similar operations)	Welding and braze welding of heavy metals. Welding with emissive fluxes (notably light allows) Oxygen cutting)
S905SL	✓	✓

EUROPEAN STANDARDS

Product Code	EN 175:1997 Personal protection. Equipment for eye and face protection during welding and allied processes	BS EN 379:2003+A1:2009 Personal eye-protection. Automatic welding filters
S905SL	✓	✓

PACKAGING AND MAINTENANCE

Packaging	1 per Box, Box size 24.5.x 31.5 x 24.5cm, box weight .91kg
Storage	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.
Lifetime	If stored in correct conditions, the product has a 5 year shelf life.
Cleaning	It is always necessary to keep the solar cell and the light of the filter free of dust and splatters. Clean with a soft tissue or a cloth soaked in mild detergent. Do not use solvents or abrasives.
Disposal	 <p>The symbol on the product or its packaging indicates that this product may not be treated as household waste. Instead it shall be handed over to the applicable collection point for the recycling of electrical and electronic equipment. By ensuring this product is disposed of correctly you will help prevent potential negative consequences for the environment and human health, which could otherwise be caused by inappropriate waste handling of this product. For more detailed information about recycling of this product, please contact your local waste disposal service or the the shop where you purchased the product.</p>