

TECHNICAL DATA SHEET

Browguard System



DESCRIPTION

Allows fitment of the Centurion range of general purpose face screens and chin guard for use when a safety helmet is not required. Screens also fit onto Centurion general purpose helmet mounted carrier for when head protection is required.



SPECIFICATION : CHIN GUARD FACE SCREENS

Product Codes and Specification	Code	Colour	Material	Screen Length (visible length when fitted)	For use with	Weight
	S910	Clear	1mm Polycarbonate	160mm	S89 headband mounted Browguard. Also fits S54 helmet mounted General Purpose Carrier	85g
	S911	Clear	1mm Acetate	160mm		103g
	S912	Clear	1mm Acetate Antifog	160mm		103g

Centurion standard face screens also compatible with S89 Browguard, refer to General Purpose Face Protection datasheet for further information.

SPECIFICATION: BROWGUARD AND CHINGUARD

Product Codes and Specification	Code	Description	Material	Weight
	S89	Browguard	Nylon	203g
	S91C	Chin guard	Polycarbonate	102g

APPLICATIONS

Product Code	Applications						
	Drilling/Milling	Grinding	Welding (filters for personal eye-protection equipment used in welding and similar operations)	Welding (Welding and braze welding of heavy metals. Welding with emissive fluxes (notably light allows Oxygen cutting))	Inorganic Chemicals	Organic Chemicals	Live Electrical Working
S910	✓	✓					
S911	✓				✓	✓	
S912	✓				✓	✓	

EUROPEAN AND INTERNATIONAL STANDARDS WITH OPTIONS

Product Code	EN 166:2001: Personal Eye Protection						EN 169: 2002	EN 170: 2002	EN 171: 2002	EN 172: 1995	GS-ET-29 Rev 1 Supplementary requirements for the testing and certification of face shields for electrical works	ANSI/ISEA Z87.1 2010 American National Standard for Occupational and Educational Personal Eye and Face Protection Devices							
	F - Low Energy Impact	B - Medium Energy Impact	A - High Energy Impact	1 - Optical Class	3 - Liquid droplets	9 - Molten Metal Splash	T - High Speed Particles at extremes of temperature	8 - Electric Arc	Scale Number 3	Scale Number 5	2C-1,2	2-1,2	4-5	5-2,5	5-3,1	Class 1 4 kA (3.2 cal/cm ²)	Class 2 7 kA (10.1 cal/cm ²)	Z87.1	Z87.1+ (Impact Rated)
S910		✓		✓	✓	✓													
S911	✓			✓	✓														
S912	✓			✓	✓	✓					✓								

PACKAGING AND MAINTENANCE

Packaging	S89 10 per Box, box size 53 x 37.7 x 26.4cm, weight 2.5kg S91C 10 per Box, box size 41.5 x 27 x 18cm, weight 1.3 kg S910 10 per Polybag, bag size 40.5 x 19 x 1.2cm, weight 1kg S911 10 per Polybag, bag size 40.5 x 19 x 1.2cm, weight 1.2kg S912 10 per Polybag, bag size 40.5 x 19 x 1.2cm, weight 1.2kg
Storage	Can be stored and transported in original packaging at ambient temperature (0°C to + 30°C). They may be stored in the dark for up to 5 years. Storage in direct sunlight, extremes of temperature and in a fashion that is liable to distort is not recommended.
Lifetime	These products have been designed to have an in-use life of up to 5 years. It is recommended that after 5 years the product is destroyed. Excessive wear and tear can considerably reduce the lifespan of the product.
Cleaning	Clean using warm soapy water and soft cloth. Care must be taken to avoid scratching.
Disposal	Recycling is preferred when possible. Look out for the recycling symbol for material category