TECHNICAL DATA SHEET

CLASSIC GENERAL PURPOSE FACE PROTECTION

DESCRIPTION

Select either a Classic Polycarbonate or Acetate Face Screen and connect to the Classic Face Screen Carrier for helmet mounted face protection. Screens also fit the Classic Browguard for headband mounted face protection.

SPECIFICATION: GENERAL PURPOSE CARRIER - HELMET COMPATIBILITY

	Code	Connection Clip	To fit Accessory Slot	For use with	Material	Weight
Product Codes and Options	S54CE	S570 & S565	Euro, Connect & Combi	Euro clips (S565) fit all helmets except Vulcan and Reduced Peak 1125. Connect clips (S570) fit all helmets except Nexus and Vision Plus	Nylon	105g
	S54S	S570	Connect	Spectrum helmets	Nylon	105g
	S54(*)T	*see S54 suffix above		All helmets - fitted with thumbscrews for ratchet adjustment	Nylon	147g

SPECIFICATION: FACE SCREENS

	Code	Colour	Material	Screen Length (visible length when fitted)	For use with	Weight
Product Codes and Specification	S580	Clear	1mm Polycarbonate	150mm	Classic helmet mounted General Purpose Carrier. Also fits onto headband mounted Browguard	79g
	S590	Clear	1mm Polycarbonate	210mm		104g
	S591	Clear	1mm Acetate	210mm		125g
	S592	Clear	1mm Acetate Antifog	210mm		125g
	S593	Green	1mm Acetate Scale 3	210mm		151g
	S595	Green	1mm Acetate Scale 5	210mm		151g

Centurion chinguard face screens also compatible with Classic helmet mounted carrier, refer to Browguard datasheet for further information.
Centurion Acetate Green face screens also suitable for use in high temperature environments in conjunction with S57 high temperature carrier.

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 emittive fluxes (notably light allows) Oxygen cutting)	Incorganic Chemicals	Organic Chemicals	Live Electrical Working	High Temperature
S580	✓	✓						
S590	✓	✓						
S591	✓				✓	✓		
S592	✓				✓	✓		
S593	✓		✓		✓	✓		✓
S595	✓			✓	✓	✓		✓

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)
S580		✓		✓	✓	✓													
S590		✓		✓	✓	✓												✓	
S591	✓			✓	✓														
S592	✓			✓	✓	✓						✓							
S593	✓			✓	✓				✓										
S595	✓			✓	✓					✓									

PACKAGING AND MAINTENANCE

Packaging	S54*: 10 per Box, box size 41.5 x 27 x 18cm, weight 1.5kg S580: 10 per Polybag, bag size 40.5 x 17 x 1.2cm, weight 0.8kg S590: 10 per Polybag, bag size 41.5 x 23 x 1.2cm, weight 1.2kg S591/2: 10 per Polybag, bag size 41.5 x 23 x 1.2cm, weight 1.3kg S593/5: 5 per Polybag, bag size 41.5.x 23 x 0.75cm, weight 0.75kg
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