

# TECHNICAL DATA SHEET



## CONTOUR FACE PROTECTION SYSTEM

### DESCRIPTION

A screen for general purpose impact protection and a multi purpose screen with integrated chin protection and anti scratch and anti fog coating for general purpose and live electrical working applications.

The Contour Carrier is designed to provide close fitting face protection and a low profile when retracted up over the helmet.



### SPECIFICATION: CONTOUR FACE SCREEN CARRIER - HELMET COMPATIBILITY

Product Codes and Options	Code	Connection Clip	To fit Accessory Slot	For use with	Material	Weight
	S55	S585	Euro and Combi	Nexus and Concept Combi helmets	Nylon	139g

### SPECIFICATION: FACE SCREENS

Product Codes and Specification	Description	Code	Colour	Material	Screen Length (visible length when fitted)	For use with	Weight
	Contour X general purpose face screen	S800	Clear	Polycarbonate	200mm	S55 helmet mounted Contour Carrier	181g
	Contour XI multi purpose face screen with integrated chin protection	S810	Clear	Polycarbonate	230mm		174g

### APPLICATIONS

Applications for Face Screens	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 emigrative fluxes (notably light allows) Oxygen cutting)	Inorganic Chemicals	Organic Chemicals	Live Electrical Working
S800	✓	✓					
S810	✓	✓					✓

## 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 <sup>2</sup> )	Class 2 7 kA (10.1 cal/cm <sup>2</sup> )	Z87.1	Z87.1+ (Impact Rated)
S800	✓		✓	✓	✓	✓				✓									✓
S810	✓		✓	✓	✓	✓	✓			✓					✓				✓

## PACKAGING AND MAINTENANCE

Packaging	S55: 1 per polybag, 315mm(W) x 300mm(H) x 80mm(D), weight 170g S800: 1 per polybag, 235mm(W) x 320mm(H) x 135mm (D), weight 220g S810: 1 per polybag, 235mm(W) x 350mm(H) x 140mm(D), weight 213g
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