





## PERFORMANCE FEATURES

- + Arc Class 2 face protection
- + Clear-grey polycarbonate HT screen with antifog coating
- Approved to EN 166:2001 B 1 3 8, EN 170:2002 2C-1,2, GS-ET-29 Rev 1 Class 2
- Utilises the latest Paulson Arc technology
- The highest visible light transmittance for accurate cable identification
- Carrier available as a separate item (product code S55)



# NEXUS FACE Shield Range

S55

Nexus Contour Carrier to Mount Faceshields



#### TS-VC

Tuff-Shield Extra High Impact Clear Visor



#### S810

Nexus Multi Purpose Moulded Class 1 Arc Flash Rated Faceshield



#### S820

Nexus Light Green Class 2 Arc Flash Rated Faceshield and Chinguard



#### S830

Nexus Grey-Clear Class 2 Arc Flash Rated Faceshield and Chinguard



## SUITABLE FOR

- + Linesmen
- + Electrical
- + Engineering
- Manufacturing

## TECHNICAL DATA SHEET CONTOUR FACE PROTECTION SYSTEM

#### DESCRIPTION

The new Contour face protection system provides a wide range of protection levels for multiple applications and differing risks.

The S55 contour carrier is designed to provide close fitting face protection and a low profile when retracted up over the helmet.

The TS-VC is designed for general purpose extra high impact protection.

The S810 is a multi purpose faceshield with integrated chin protection and anti scratch and anti fog coating for general purpose impact and Class 1 arc protection.

The S820 light-green visor faceshield provides an effective Class 2 face protection solution.

The S830 clear-grey visor faceshield utilises the latest Arc technology; the clearest European Class 2 screen with the highest Visible Light Transmittance providing improved colour recognition, important for accuracy of cable identification and ideal in areas with poor visibility.

All these faceshields connect to the S55 contour carrier, enabling users to have the flexibility to switch faceshield types, depending on their application or risk.







## SPECIFICATION: CONTOUR FACE SCREEN CARRIER - HELMET COMPATIBILITY

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

## SPECIFICATION: FACE SCREENS

	Description	Code	Colour	Material	Screen Length (visible length when fitted)	For use with	Weight	Arc Visible Light Transmittance % and Class
	Tuff-Shield general purpose face screen	TS-VC	Clear	Polycarbonate	200mm		180g	n/a
Product Codes and Options	Contour XI multi purpose (including Arc Class 1) face screen with integrated chin protection	S810	Clear	Polycarbonate Screen with anti scratch and anti fog coating	230mm	Contour	170g	>90% Class 0 (>74.4%)
	Contour XII Light-Green Arc Class 2 face screen with chin protection	Green S screen a / Grey i Chin t Guard f		Polycarbonate Screen with anti fog coat- ing and non transparent fibre rein- forced Nylon Chin Guard	153mm Visible Length 235mm incl Chin Guard	helmet mounted Carrier (S55)	275g	>75% Class 0 (>74.4%)
	Contour XIII Clear-Grey HT Arc Class 2 face screen with chin protection	S830	Clear- Grey HT Screen and Chin Guard	Polycarbonate Screen and Chin Guard with anti fog coating	153mm Visible Length 235mm incl Chin Guard		275g	>80% Class 0 (>74.4%)

#### **APPLICATIONS**

				Applications			
Applications for Face Screens	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 emi9ttive fluxes (notably light allows) Oxygen cutting)	Incorganic Chemicals	Organic Chemicals	Live Electrical Working
TS-VC	$\checkmark$	$\checkmark$					
S810	$\checkmark$	$\checkmark$					$\checkmark$
S820	$\checkmark$	$\checkmark$					$\checkmark$
S830	$\checkmark$	$\checkmark$					$\checkmark$

## EUROPEAN AND INTERNATIONAL STANDARDS WITH OPTIONS

Product Code	EN 166:2001: Personal Eye Protection									EN 169: EN 170: AS/NZS 2002 2002 1337.1 Extra High Impact Rated 190 m/s				EN 199	172: 5	testing an certification	entary ents for the id	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 with improved colour recognition	2-1,2		5-2,5	5-3,1	Class 1 4 kA (3.2 cal/cm²)	Class 2.7 kA (10.1 cal/cm <sup>2</sup> )	Z87.1	Z87.1+ (Impact Rated)	
TS-VC				$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$				$\checkmark$		$\checkmark$						$\checkmark$	
S810		$\checkmark$		$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$			$\checkmark$					$\checkmark$			$\checkmark$	
S820		$\checkmark$		$\checkmark$	$\checkmark$			$\checkmark$			$\checkmark$						$\checkmark$			
S830		~		$\checkmark$	~			$\checkmark$			$\checkmark$						$\checkmark$			

#### NEXUS ANTI STATIC SYSTEM

The Contour Carrier and Contour Multi Purpose Face Screen in conjunction with the Nexus safety helmet can be used in explosive atmospheres as it provides anti static protection according to IEC 60079-32-2:2015 Electrostatics hazards tests.

Droduct	Ga	Gas Zone 0			Gas Zone 1			Gas Zone 2			Dust Zone 20			Dust Zone 21			Dust Zone 22		
Product	IIA	IIB	IIC	IIA	IIB	IIC	IIIA	IIIB	IIIC	IIIA	IIIB	IIIC	IIIA	IIIB	IIIC	IIIA	IIIB	IIIC	
Nexus Core with Contour Carrier (S55) and/or Multi Purpose Face Screen (TS- VC)				$\checkmark$			$\checkmark$			$\checkmark$	~	~	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	~	~	

#### PACKAGING AND MAINTENANCE

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Packaging	S55: 1 per polybag, bag size 41.5 x 27 x 18cm, weight 1.5kg TS-VC: 1 per polybag, bag size 235mm x 320mm x 135mm, weight 220g S810: 1 per polybag, bag size 235mm x 350mm x 140mm, weight 213g S820: 1 per polybag, bag size 400mm x 240mm x 140mm, weight 295g S830: 1 per polybag, bag size 400mm x 240mm x 140mm, weight 277g
Storage	The General Purpose and Multi Purpose faceshields can be stored at 0°C to + 30°C. The Arc Class 2 faceshields can be stored at -10°C to + 45°C. They may be stored in the dark for up to 5 years. All faceshields should be stored and transported in their original packaging. Storage in direct sunlight, extremes of temperature and in a fashion that is liable to distort is not recommended.
Lifetime	The Tuff-Shield (TS-VC), Contour XI (S810) and Contour XII (S820) faceshields have been designed to have an in-use life of up to 5 years. The Contour XIII Clear-Grey HT Arc Class 2 faceshield (S830) has an in-use life of up to 10 years. 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.
Warning	Arc Class 2 faceshields (S820 and S830): do not place the faceshields next to a heat source. Do not use the faceshields for electric arc welding exposures. Carefully read the users manual to ensure correct operation.

Page 4 of 4



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