

# TECHNICAL DATA SHEET

# RETRACTABLE EYESHIELDS



## DESCRIPTION

### S589 and S589SE

Stylish fast fitting replaceable moulded eye shields with anti scratch/anti fog coating and easy to use pull down tabs.

### S579

Functional replaceable general purpose eye shield.

## SPECIFICATION

Product Codes and Options	Code	Colour	For use with
	S589	Clear	Concept and Nexus
	S589SE	Smoke Grey	Concept and Nexus
	S579	Clear	1100 Classic, 1125 Classic and Reflex

## MATERIALS

Product Codes and Specification	Code	Material
	S589	Polycarbonate
	S589SE	Polycarbonate
	S579	Polycarbonate



## 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 2015 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 14 kA (3.2 cal/cm <sup>2</sup> )	Class 27 kA (10.1 cal/cm <sup>2</sup> )	Z87.1
S589	✓			✓							✓							✓
S589SE	✓			✓										✓				✓
S579	✓			✓														

## NEXUS ANTI STATIC SYSTEM

The Retractable Eyeshield 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.

Product	Gas Zone 0			Gas Zone 1			Gas Zone 2			Dust Zone 20			Dust Zone 21			Dust Zone 22		
	IIA	IIB	IIC	IIA	IIB	IIC	IIIA	IIIB	IIIC	IIIA	IIIB	IIIC	IIIA	IIIB	IIIC	IIIA	IIIB	IIIC
Nexus Core, Nexus SecurePlus and Nexus Heightmaster with S589 Retractable Eyeshield Clear and/or S589SE Retractable Eyeshield Smoke Grey and/or S30*NHRS High Intensity Reflective Stickers	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

## PACKAGING AND MAINTENANCE

Packaging	S589 and S589SE: 10 per product, box size 21.5 x 16 x 10cm, weight 350gm S579: 10 per product, packaging size 23 x 21 x 10cm, weight 400gm
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.