



Protector
BY SCOTT SAFETY

INTERCHANGE 900

FACE PROTECTION RANGE



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INTERCHANGE 900

FACE PROTECTION RANGE

Interchange 900 is a comprehensive range of head and helmet mounted face shields and carriers from Scott Health & Safety.

A unique face shield attachment system, consistent throughout the entire range offers the ultimate in face protection flexibility – allowing the complete range of face shield carriers to be compatible with all the face shields suitable for the application.

Whether you need to protect against impact, splash or high heat hazards, Interchange 900 face shields are available in a wide variety of materials to suit almost every industrial application.

Protector Interchange 900 highlights

- Wide choice of head or helmet mounted face shield carriers
- Wide range of materials to ensure maximum protection in an extensive range of industries
- Uniquely shaped face shields offer the highest degree of protection
- Standard three point face shield attachment allows all Protector 900 face shields and carriers to be interchangeable
- Excellent fit and comfort with either head or helmet mounted system
- Anti fog options



Interchange 900 face protection easily integrates with other forms of PPE



INTERCHANGE INNOVATION

Interchange 900 face protection uniquely offers the same three point face shield attachment system across a wide selection of face shields and carriers. This simple concept, not readily available on other face protection ranges of the same depth, permits the user to mix and match any application suitable face shield, with any Protector Interchange head mounted brow guard system or a helmet mounted face shield carrier.

The same secure face shield attachment system provides maximum protection and is utilised on all three face shield shapes: standard, short and chin guard. This simplifies the selection process for the user, whilst alleviating issues of fit and compatibility. As a consequence of this the full range of face shields and carriers is more likely to be readily available through distribution channels.

HIGH PROTECTION – SIMPLE SELECTION

Interchange 900 face shields are available in three shape variants to provide the perfect balance between protection and comfort.



Standard



Short



Chin guard

KEY APPLICATIONS

- Engineering
- Construction
- Metal Fabrication
- Forestry
- Welding
- Pharmaceutical & Chemical





FACE SHIELD CARRIERS

CHOICE AND COMPATIBILITY

The Protector Interchange 900 range offers a wide choice of face shield carriers including two head mounted brow guard carriers, two plastic helmet mounted carriers and three metal helmet mounted carriers.

BROW GUARD FACE SHIELD CARRIERS

The IB900 and IB950 brow guards are stylish and light weight head mounted face shield carriers, designed to offer the wearer high protection and comfort levels in applications where eye and face protection are required.

Manufactured from HDPE, the IB900 (hi vis orange) is suitable for all general industrial applications and has a wide range of face shields available. The IB950 (hi vis yellow) is of nylon construction making it suitable for high heat applications.

IB900



- Lightweight HDPE
- Comfortable
- Ratchet headgear
- Compatible with IV900 face shield range

IB950



- Lightweight and comfortable
- Compatible with IV900 face shield range
- Suitable for high heat and high impact applications
- Soft absorbent sweatband





HELMET MOUNTED FACE SHIELD CARRIERS

IC900



The IC900/IC920P nylon face shield carriers are designed to be used with the Protector Style 600 and Style 300 safety helmets. The IC900/IC920P carriers are attached to the helmet by using either FXVP accessory posts or any Protector helmet mounted ear defender post.

IC920P



- Light weight design
- Ratchet height adjustment
- Suitable for all industrial applications
- Peaked version effective at minimising glare
- Compatible with the IV900 face shield range
- Suitable for high heat applications
- CE approved to EN166, EN1731

The IM917 system is designed to fit the Protector Style 300 and Style 600 safety helmets and other helmets with a similar modern peak profile. The carrier has a dual seal system that prevents dust and liquids from falling onto the inside of the face shield.

IM917



- Suitable for high heat applications
- Secure spring tension fit
- Low profile flip-up design
- Simple face shield fitting
- Twin seal design
- Compatible with the IV900 and FL408 face shield ranges
- Compatible with helmet mounted ear defenders
- CE approved to EN166, EN1731

IM917C



The IM917C face shield carrier is a powder coated version of the IM917 carrier suitable for chemical environments and is designed to fit Protector Style 300 and Style 600 safety helmets.

- Powder coated for chemical resistance and high heat applications
- Secure spring tension fit
- Low profile flip-up design
- Simple face shield fitting
- Twin seal design
- Compatible with the IV900 and FL408 visor ranges
- CE approved to EN166, EN1731

The IM914 face shield carrier is designed to be compatible with the Protector Tuffmaster I safety helmet and other helmets with traditional rounded peak designs.

IM914



- Suitable for most industrial and high heat environments
- Lightweight design
- Twin seal design
- Compatible with IV900 and FL408 face shield ranges
- CE approved to EN166, EN1731





FACE SHIELDS

GUIDE TO MATERIALS

The table below has been designed to assist in the selection of the most appropriate material to suit your application. Further information is available on our Technical Data sheets.

POLYCARBONATE

- Approved for use for protection against medium impact, liquid and molten metal splash
- Meets 120m/s impact strength (grade B)
- Best material to select for resistance against inorganic chemicals, including acids
- Will resist radiant heat of up to 900°C (material will start to distort and warp when it reaches its maximum temperature)
- Available with Anti-fog coating



ACETATE

- Approved for use for protection against low impact, liquid splash and ultraviolet radiation
- Best material to select for organic chemicals, including organic solvents
- Meets 45m/s impact strength (grade F)
- Offers good scratch resistance
- Available with Anti-fog coating



THERMOGUARD

- Approved for use for protection against low impact, liquid splash, and molten metal splash
- Suitable for industries where there are high levels of heat
- Chemical resistance is mostly suited to organic solvents and compounds
- Meets 45m/s impact strength (grade F)
- Resists radiant heat of up to 1500°C (material will de-laminate when it reaches its maximum surface temperature giving good warning properties)



GOLD

- Approved for use for protection against impact, liquid splash, molten metal splash, infra-red and ultraviolet radiation
- Suitable for industries where there are high levels of heat and glare
- Meets 120m/s impact strength
- Resists radiant heat of up to 1600°C



METAL MESH

- Approved for use for protection against high levels of radiant heat. The metal mesh absorbs the heat, allowing the user to work in comfort
- Material is not approved for molten metal splash hazards and additional eye protection should be worn



FORESTRY MESH

- Approved for use for protection against large dust particles and abrasion
- The forestry mesh face shield range is suitable for brush cutting and strimming, where the main hazard is large pieces of solid material and constant abrasion
- Selection of the right mesh is dependant on the amount of particulate protection in relation to the visibility required in the application
- Additional eye protection should be worn beneath the visor



WELDING

- Approved for use for gas and braze welding operations
- Shade 5 face shields give protection against low impact, liquid splash, glare, infra-red and ultra violet radiation





ALTERNATIVE FACE SHIELD CARRIERS

The Protector F800 offers the user an alternative to the traditional brow guard design. Featuring a face shield frame, manufactured from translucent polycarbonate, the browguard has high levels of protection and a wide field of vision.

F800



- Translucent polycarbonate manufacture providing a wide field of vision
- Acetate or Polycarbonate face shield options
- Anti-fog option
- Built in chinguard
- Central face shield attachment minimises visor replacement cost
- New ratchet headgear with positive lock position
- Comfortably fits wide range of head sizes
- CE Certified to EN 166

FHK67



The Protector FHK67 Electrician's helmet mounted face shield carrier range is suitable for use as protection against short circuit electric arc of up to 1000V a.c.

The FHK67 carrier is certified against the requirements of VDE.

- Electrician's face shield carrier
- No metal components, VDE approved
- Rubber tension attachment
- Supplied complete with acetate (A) or acetate anti-fog (BF) face shield
- CE approved to EN166, VDE

F200



The Protector F200 is a lightweight brow guard, supplied with a low impact Polycarbonate face shield. The F200 is simple to use and suitable for intermittent wearing.

- Positive lock, flip up face shield system
- Elasticated headband
- CE Certified to EN 166



INTERCHANGE 900 EYE PROTECTION STANDARDS EXPLAINED

Standard	Symbol	Explanation
EN166	1	Optical Class
EN166	F	Low Energy Impact (45 m/s)
EN166	B	Medium Energy Impact (120 m/s)
EN166	9	Non adherence of molten metal and resistance to penetration of hot solids
EN166	3	Protection against liquid droplets/splashes
EN166	N	Resistance to fogging
EN169	5	Shade 5 filters against ultra violet and infra-red radiation
EN170	2-1,2	For use with sources which emit predominantly ultra violet radiation at wavelengths shorter than 313nm and when glare is not an important factor. This covers the UVC and most of the UVB bands. Low pressure mercury lamps such as germicidal lamps
EN171	4-4	Protection against infra red radiation. For applications up to 1600°C radiated temperature
EN1731	S	Increased robustness
EN1731	G	Radiant heat

FACE SHIELD ORDERING DETAILS

Interchange Face Shield (IV)

Type	Description	Standard
IV900PC	235mm Polycarbonate face shield (10)	EN166 1 B39
IV900PA	235mm Polycarbonate Anti-Fog face shield (10)	EN166 1 B39N
IV902PC	150mm Polycarbonate face shield (10)	EN166 1 B
IV901PC	185mm Polycarbonate face shield with chinguard (10)	EN166 1 B39
IV901PA	185mm Polycarbonate Anti-Fog face shield with chinguard (10)	EN166 1 B39N
IV900AC	235mm Acetate face shield (10)	EN166 2-1,2 1 F3
IV900AA	235mm Acetate Anti-fog face shield (10)	EN166 2-1,2 1 F3N
IV901AC	185mm Acetate face shield with chinguard (10)	EN166 2-1,2 1 F3
IV901AA	185mm Acetate Anti-Fog face shield with chinguard (10)	EN166 2-1,2 1 F3N
IV950TC	235mm Thermoguard face shield (10)	EN166 1 F39
IV951TC	185mm Thermoguard face shield with chinguard (10)	EN166 1 F39
IV950GC	235mm Gold face shield Shade 4 (5)	EN166 1B39 EN171 4-4
IV950GG	235mm Gold face shield Shade 5 (5)	EN166 1B39 EN169 5
IV950ST	235mm Metal Mesh High Heat face shield (10)	EN1731 SG
IV950W5	235mm Welding face shield shade 5 (5)	EN169 5 1 F3
IV920ST	185mm Steel Mesh Forestry face shield (10)	EN1731 S
IV920NY	185mm Nylon Mesh Forestry face shield (10)	EN1731 S
IV920SS	185mm High Visibility Stainless Steel Mesh Forestry face shield (10)	EN1731 S

Face Shields for use with F200

Type	Description	Standard
FL200P75C	200mm polycarbonate clear face shield	EN166 1 F3

Face Shields for use with F800

Type	Description	Standard
FL800A	Acetate clear face shield (10)	EN166 1 F 3
FL800P	Polycarbonate clear face shield (10)	EN166 1 B 3 9
FL800AN	Acetate anti-mist clear face shield (10)	EN166 1 F 3

Scott Health and Safety has developed a number of different documents to aid your selection of face protection. Technical datasheets are available for each Interchange face shield carrier and face shields upon request. An additional questions and answers document has also been developed to help answer queries you may have. Please contact our customer service department to receive any of these documents.

For further information please contact:



UK:
Scott Health & Safety Ltd
 Pimbo Road, West Pimbo
 Skelmersdale, Lancashire
 WN8 9RA, England
 Customer Services:
 Tel: +44 (0)1695 711711
 Fax: +44 (0)1695 711772
 scottint.uk@tycoint.com
 www.scottint.com



Finland:
Scott Health & Safety Oy
 P.O.Box 501
 FI-65101 Vaasa, Finland
 Tel: +358 (0)6 3244 511
 Customer Services:
 Tel: +358 (0)6 3244 543 and -544
 Fax: +358 (0)6 3244 591
 fin-sales@tycoint.com
 www.scottsafety.com

INTERCHANGE 900 FACE SHIELD CARRIER GUIDE

Type	IB900	IB950	IC900	IC920P	IM914	IM917	IM917C
IV900PC	✓	✓	✓	✓	✓	✓	✓
IV900PA	✓	✓	✓	✓	✓	✓	✓
IV902PC	✓	✓	✓	✓	✓	✓	✓
IV901PC	✓	✓	✓	✓	✓	✓	✓
IV901PA	✓	✓	✓	✓	✓	✓	✓
IV900AC	✓	✓	✓	✓	✓	✓	✓
IV900AA	✓	✓	✓	✓	✓	✓	✓
IV901AC	✓	✓	✓	✓	✓	✓	✓
IV901AA	✓	✓	✓	✓	✓	✓	✓
IV950TC	✓	✓	✓	✓	✓	✓	✓
IV951TC	✓	✓	✓	✓	✓	✓	✓
IV950GC	✓	✓	✓	✓	✓	✓	✓
IV950GG	✓	✓	✓	✓	✓	✓	✓
IV950ST	✗	✗	✗	✗	✓	✓	✓
IV950W5	✓	✓	✓	✓	✓	✓	✓
IV920ST	✓	✓	✓	✓	✗	✗	✗
IV920NY	✓	✓	✓	✓	✗	✗	✗
IV920SS	✓	✓	✓	✓	✗	✗	✗



Distributor

In accordance with our policy of continual product improvement, equipment supplied may differ from the specification detailed herein.