



TECHNICAL SPECIFICATION

Technical Service Department,
JSP Ltd., Worsham Mill, Minster
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Tel.: 01993 824000
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Harness Mounted Invincible Faceshields

Conformity:

Meets the requirements of EN 166, EN 169, EN 175 (Gas Weld Only) & EN 1731 (Wire Mesh Only).
EC Certificate Number 2406, issued by BSi Product Certification.

Materials:

Polypropylene or Polycarbonate
Browguard
Nylon Head Harness C/W Steel Fittings
Visor (see below) includes Aluminium Binding on Bound Visors
Nickel Plated Brass Press Studs
Optional Polypropylene or Polycarbonate Chinguard (dependent on application)

Weights:

Acetate Visor 0.33Kg
Polycarbonate Visor 0.32Kg
Wire Mesh Visor 0.34Kg
(Weight is approx based on 20cm Visor on a Visor Carrier)

Performance:

Invincible Faceshields are available with the following visors (versions with chinguard shown on the right):

15cm, 20cm or 25cm Acetate

Offers protection against low energy high speed particles at 45 m/s (101 mph) and liquid droplets. The optical qualities of the visor comply with the requirements of optical class 1 (highest).

Markings: EN166 1.F.3



15cm, 20cm or 25cm GW5 Acetate

Offers protection against low energy high speed particles at 45 m/s (101 mph) and liquid droplets. The optical qualities of the visor comply with the requirements of optical class 1 (highest).

Markings: 5 EN166 1.F.3



15cm, 20cm or 25cm Polycarbonate

Offers protection against medium energy high speed particles at 120 m/s (270 mph), liquid droplets and molten metal. The optical qualities of the visor comply with the requirements of optical class 1 (highest).

Markings: EN166 1.B.3.9



15cm or 20cm Wire Mesh

Offers general robustness protection against particles at 12 m/s

Markings: EN1731-S



20cm Slimline Version

Offers protection against medium energy high speed particles at 120 m/s (270 mph), liquid droplets and molten metal. The optical qualities of the visor comply with the requirements of optical class 1 (highest).

Markings: EN166 1.B.3.9



Manufacturing For Safety



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Instructions For Use:

Before use, the browguard should be fitted to an Invincible Visor and Chinguard (where applicable). In use ensure that the Faceshield fits comfortably and securely on the head. Ensure that the visor is in place before entering the hazard area.

Limitations Of Use:

Protection will only be offered if the faceshield is fitted correctly. If the visor becomes scratched or damaged it should be replaced. Do not apply paint, solvents, adhesives or self-adhesive labels, except in accordance with instructions from the manufacturer. The harness, when in contact with the skin may cause allergic reactions to susceptible individuals. If this occurs leave the hazard area, remove the faceshield and seek medical advice.

Notes:

- i. The Acetate and Polycarbonate visors are not suitable for use with all chemicals – if you are unsure contact your supplier or JSP for help and advice.*
- ii. The GW5 Acetate visor is only suitable for use with gas welding. Other welding methods will require a protective shield with a much darker lens.*
- iii. The Wire Mesh Visor is only suitable for use against large slow moving particles, such as wood chips.*

Cleaning & Maintenance:

The browguard and visors may be cleaned with soap and warm water and dried with a soft cloth. The unit should not be cleaned with chemical or abrasive cleaners. Store out of direct sunlight, away from chemicals and not exposed to extremes of temperature.