

# Scorpion Shot Blast Helmet

## Technical Specification



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### Visor Features

#### Ear Defenders

Compatible with neck mounted ear muffs and plugs

#### Air Warning Device

Pressure gauge

#### Low flow warning

Operates if the air pressure up stream (compressor side) of the belt mounted pressure regulator drops below 28 psi

#### Hygiene

All skin contact points easily replaceable, comfort band and neck seal

#### Pressure regulator

Preset and housed in ultra tough HDPE plastic case

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### Construction

#### Head harness & Silencer

Accessed by removal of cape and inner shell – 3 clips

#### Belt

Adjustable from 22" – 48" waist. Strong 'Acetal' material

#### Cape

Heavy duty nylon cape reinforced in high stress areas

#### Helmet shell

Manufactured from exceptionally tough HDPE material

#### Flammability

Subjected to a flame at 800°C, no components continue burning when removed

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### Operating Details

#### Connections

Unit fitted with ¼" BSP male thread

#### Air flow rate

200 litres per minute.

#### Nominal Protection Factor

500

#### Noise level at full flow

Less than 80 dBA (measured at ears)

#### Total Inward Leakage

Less than 0.1% (test requirement for class 3 device).

#### Test Specification

EN14594:2005 Class 4b (AS/NZS 1716:1994 Australian and New Zealand version)

#### Visor impact

Meets impact rating described in EN 271 (EN 166 medium energy)

#### Marking

Inside visor and Helmet : – CE mark & test standard

#### Storage

Drawstring storage bag is included.

#### Uses

Shotblasting, others to be advised by HSE

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### Accessories

#### Disposable Visors

Tear off style visors (packs of 6) and static visors (packs of 100)

#### Hose length

Any length of hose, diameter 3/8" (9.5mm) may be used provided it can be determined that 3bar with at least 220 litres per minute is available at a distance of 10 meters from the belt mounted pressure regulator.