

Scorpion Shot Blast Helmet

Technical Specification



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

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

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

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.