



DESCRIPTION

The Australian made UniSafe VC105 is a head mounted face protection solution.

The superior VC105 features a high impact browguard for forehead and upper head protection. The gloss finish does not soil as easily.

The friction pivoting system allows for lifting and lowering of the visor, providing convenient one hand operation.

The headband is fitted with a terry towelling sweatband to absorb moisture and utilises a ratchet mechanism for security. The crown adjustment accommodates different head sizes and ensures the head harness is fitted correctly. The simple tilt adjustment allows the wearer to personalise visor position.

The VC105 is offered complete with a 1mm x 200mm x 300mm polycarbonate visor (VV848) for low to high impact protection.

APPLICATIONS

The VC105 is used to protect the forehead, eyes and face in a variety of applications.

Faceshields are used in many industries to protect wearers against flying particles, liquid, chemical splash, radiant heat and glare.

Scott Safety recommends additional eye protection be worn when using visor systems.


The Australian made 1mm polycarbonate visor fitted to the VC105 provides low to high impact protection, resistance to moderate heat, non-hazardous liquids and a wide range of harsh chemicals. (For high heat applications consult Scott Safety).

Work environments include: grinding and disc cutting, lead jointing, metal cleaning and plating, chemical processing and liquid splash.

TECHNICAL DATASHEET



TECHNICAL SPECIFICATIONS

VC105	
	
Browguard Material	Nylon Injection Moulded
Colour	Browguard - Blue Visor - Clear
Weight	350 g
Headgear Material	Polypropylene & Nylon
Adjustment Range	50 - 64 cm
Sweatband	Terry Towelling Cotton/Nylon (80/20) Polyurethane Ester Foam
Visor Material	1mm Polycarbonate
Visor Dimensions	300mm (W) x 200mm (H) x 1mm

APPROVAL INFORMATION

The VC105 has been designed to meet the requirements of AS/NZS 1337.1:2010 for impact, liquid and molten metal splash.

The VC105 has been tested and certified to AS/NZS 1337.1:2010

The VC105 combination has a High Impact (V) rating when fitted with its original VV848 visor.

TECHNICAL DATASHEET



MARKINGS ON FACESHIELDS

Markings on eye/face protectors are a requirement for certification. It assists users in identifying their intended use. They are identified by the following:

STANDARD	SYMBOL	EXPLANATIONS
AS/NZS 1337.1:2010	I or F	For medium impact protection
AS/NZS 1337.1:2010	V	For high impact protection
AS/NZS 1337.1:2010	M	For molten metal resistance
AS/NZS 1337.1:2010	C	For splash resistance
AS/NZS 1337.1:2010	O	For outdoor tinted

Impact protection is determined by the metres per second in which a projectile travels. A ballistic test rig fires either a 6.00mm or a 6.35 mm projectile ball at speeds from 12m, up to 190m per second dependant on which size projectile is used.

STANDARD	RATING	BALL SPEED	IMPACT PROTECTION SITUATIONS
AS/NZS 1337.1:2010	Low Impact	12m/sec	Hammering, handling wire, brick chipping by hand
AS/NZS 1337.1:2010	Medium Impact	40m/sec	Grinding, machining metals, woodworking
AS/NZS 1337.1:2010	High Impact	120m/sec	Concrete cutting, high speed disc grinding, metal cutting

All the above testing ensures your eye/face protector will perform as it is designed to do.

Selecting eye/face protection is very much about identifying the hazards and assessing the risks. Selecting the wrong type of PPE can have serious consequences. It is important to consider the velocity, size and the nature of the hazard when evaluating eye/face protection.

Australian/New Zealand Standards AS/NZS 1336:1997 is an excellent reference document and provides assistance.

COMPATIBILITY CHART

VISOR CODE	VISOR MATERIAL	DIMENSIONS	CHIN-GUARD	IMPACT RATING (I or V)	CHEMICAL (C)	OUTDOOR (O) or MESH (M)	HOT SOLIDS
VC105 VV848	Polycarbonate Clear	200mm (H) x 300mm (W) x 1mm	○	V	○	○	X

○ Approved

X Not Approved

TECHNICAL DATASHEET



ORDERING INFORMATION

PART NUMBER	DESCRIPTION
VC105	Browguard & Polycarbonate Visor Complete Kit
VV848	Replacement Clear Polycarbonate Visor (V)
TA094	Replacement Terry Towelling Sweatband
WA182	Replacement Ratchet Harness

MAINTENANCE/CLEANING

Visors should be inspected for deterioration or damage before each use. Visors with cracks, dents or excessive scratching should be discarded immediately. For best cleaning results, use soap and warm water and wipe/pat dry.

The use of solvents, harsh detergents or abrasives is not recommended. Avoid exposure to Solvents, Sulphuric Acid, Methylene Chloride, Toluene, Paint Thinner & Acetone

DISPOSAL

As the browguard, visor and its components are subject to dirt, dusts and liquids, etc. They cannot be recycled.

If the product is to be disposed of, it should be disposed of as solid waste. Please see local authority regulations for disposal advice and locations.