



DESCRIPTION

Faceshields are necessary when a splash to the face might occur. When fitted correctly faceshields provide effective protection against objects travelling at high speed. It is recommended that with all faceshields secondary eye protection should be worn.

Chinguard Visors are used in many industries to protect operators against flying particles, liquid, chemical and molten splashes, radiated heat and glare. UniSafe chinguard visors provide extra protection to neck and face.

The UniSafe polycarbonate visor material is best to select for resistance to impact and water-based liquids (biological, acids and weak solvents). A wide flare visor with a chinguard is recommended when dealing with chemicals.

Polycarbonate visors have a safe operating temperature of 105°C (material will start to distort and warp when it reaches its maximum temp).

Polycarbonate chinguard visors come in two thicknesses: 1mm or 1.5mm and provide high impact protection.

For harsh chemicals and high molten metal applications use Thermotuff+ visors. Please refer to the respective Technical Datasheet.

UniSafe Polycarbonate chinguard visors fit the UniSafe browguard (VV997) or the VH500 (non-peaked), VH500P (peaked) or VV765 and VV766 visor holders.

APPLICATIONS

Faceshields are used in many industries to protect wearers against flying particles, liquid, chemical, molten splashes, radiated heat and glare. Chinguard visors provide extra protection to neck and face.

Australian made polycarbonate visors provide low to high impact protection, resistance to moderate heat,


non-hazardous liquids and a wide range of harsh chemicals. (For high heat and hazardous applications consult Scott Safety).

For harsh chemicals and high molten metal applications use Thermotuff+ visors. Please refer to the respective Technical Datasheet.

TECHNICAL DATASHEET



TECHNICAL SPECIFICATIONS

POLYCARBONATE	
	
Visor Material	Polycarbonate
Visor Thickness	1mm or 1.5mm
Visor Colours	Clear
Ratings	High Impact (V)

APPROVAL INFORMATION

The UniSafe Polycarbonate Chinguard Visors have been tested and certified to AS/NZS 13371:2010.

The UniSafe 1mm and 1.5mm Polycarbonate Chinguard Visors have a high impact (V) rating.

MARKINGS ON FACESHIELDS

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

STANDARD	SYMBOL	EXPLANATIONS
AS/NZS 13371:2010	I	For medium impact protection
AS/NZS 13371:2010	V	For high impact protection
AS/NZS 13371:2010	M	For molten metal resistance
AS/NZS 13371:2010	C	For splash resistance
AS/NZS 13371:2010	O	For outdoor and indoor untinted

TECHNICAL DATASHEET



LENS MARKINGS

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

STANDARD	LENS MARKING	EXPLANATIONS
AS/NZS 13371:2010	I = Medium Impact O = Outdoor/Indoor (untinted or amber)	OUTDOOR UNTINTED (For indoor/outdoor use). These protectors are intended for indoor and outdoor use where no optical radiation hazards exist other than solar radiation. They are intended to provide adequate protection against ultraviolet radiation from the sun but are not intended to provide protection against sun glare.
AS/NZS 13371:2010	I = Medium Impact (outdoor tinted, smoke, brown or photo chromatic)	OUTDOOR TINTED These protectors are intended for outdoor use where no optical radiation hazards exist other than solar radiation. They are intended to provide adequate protection against sunglare and ultraviolet radiation from the sun.

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	TYPE OF PROTECTOR
		6.00mm	6.35mm		
AS/NZS 13371:2010	Low Impact	12m/sec	12m/sec	Hammering, handling wire, brick chipping by hand	Spectacles
AS/NZS 13371:2010	Medium Impact	40m/sec	40m/sec	Grinding, machining metals, woodworking	Spectacles, Eshields or lightweight visor systems
AS/NZS 13371:2010	High Impact	120m/sec	110m/sec	Concrete cutting, high speed disc grinding, metal cutting	Visor systems only
AS/NZS 13371:2010	Extra High Impact	190m/sec	175m/sec	Abrasive shot blasting, ballistic, military, electrical maintenance	Visor systems only

Selecting eye 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.

TECHNICAL DATASHEET



ORDERING INFORMATION

PART NUMBER	DESCRIPTION
VV501	1mm Polycarbonate Clear 230mm H x 400mm W Chinguard Visor (V)
VV502	1mm Polycarbonate Gold 230mm H x 400mm W Chinguard Visor (V)
VV520	1.5mm Polycarbonate Clear 175mm H x 400mm W Chinguard Visor (V)
VV521	1.5mm Polycarbonate Clear 225mm H x 400mm W Chinguard Visor (V)
VV518	1mm Polycarbonate Clear 175mm H x 400mm W Blue Chinguard Visor (V)

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.