



DESCRIPTION

The Australian made UniSafe TA570 (vented) ABS safety helmet (Type 1) with comfortable 6 point terylene head harness is the central building block providing users with a face, head and hearing certified protection system if needed. It is designed to protect wearers from numerous hazards and compliments a number of UniSafe accessories.

The unique crown cooling vents ensures cooler and more comfortable protection in humid conditions.

The helmet consists of a shell and a suspension system called a harness. The shell provides the impact protection by deflecting, whilst the harness absorbs

the shock and load. The transmission of force is dissipated through the shell, harness by stretching and dissipating it down through the body to the ground. The six point harness provides the cushioning by stretching and spreading the load evenly over the protected area.

The 25mm wide webbing maximises the surface area contact with the wearer's head and enhances stability/security of the helmet.

The area between the shell and harness is the shock absorption zone and should not be treated as a storage location when worn.

APPLICATIONS

Suitable for general use in industry for protection of the upper part of the wearers head.

The TA570 (vented) safety helmet has been designed to meet the requirements of AS/NZS 1801 for shock absorption, resistance to penetration, lateral stiffness,


ignition by flame and electrical insulation (electrical hazards up to 650V) when tested in the Hot (50°C), Cold (-5°C) and Wet conditions.

Type 1 safety helmets are suitable for general industry, construction and mining. **TECHNICAL**

TECHNICAL DATASHEET



TECHNICAL SPECIFICATIONS

TA570	
	
Shell Material	Injection moulded ABS (plastic)
Vented or Unvented	Vented
Harness Cradle	25mm Nylon webbing 6 point
Weight	260 g (weights differ with colours)
Harness Segments	Injection moulded HDPE (High Density Polyethylene)
Adjustment Range	50 - 66 cm
Harness Headband	Injection moulded LDPE (Low Density Polyethylene)
Harness Sweatband	Foam backed Terry Towelling (alternative: Lambswool)
Shell Colours	White, Yellow, Blue, Fluoro Orange, Fluoro Yellow, Green, Orange, Red, Watermelon, Grey

APPROVAL INFORMATION

The TA570 is certified to AS/NZS 1801:1997 Type 1 ABS, for general industrial use.

The range of UniSafe Safety Helmets are compatible with UniSafe brand hearing, eye and face protection. Various UniSafe brand PPE combinations are Certified (including manufacturer's certified accessories) to Australian/New Zealand standards.

TECHNICAL DATASHEET



TYPES OF SAFETY HELMETS

The scope of AS/NZS 1801:1997 standard specifies requirement for occupational protective helmets to protect wearers heads from falling objects in building and construction, quarrying, shipbuilding, forestry, and other occupations with similar hazards. These requirements include the construction and materials of the helmet shell and head harness, mechanical strength of the shell and finish of the helmet.

In compliance with the standards objectives to specify protective helmets that are worn in a variety of occupations. UniSafe brand safety helmets are classified into three types:

TYPE	SAFETY HELMET
Type 1	General industrial safety helmets
Type 2	Helmets intended for high temperature workplaces
Type 3	Helmets intended for bushfire fighting

MARKINGS & WORKING LIFE OF SAFETY HELMETS

Markings on safety helmets are a requirement for certification. It assists users in identifying their intended use. The shell is moulded with very important information stamped on the peak and you should familiarise yourself with the significance of this labelling.

Australian/New Zealand Standards AS/NZS 1801:1997 is an excellent reference document and provides assistance.

Every UniSafe brand safety helmet has an issue date sticker on the inside of the shell for wearers to record their name and date of issue. Three years hence remove the helmet from use or earlier if the helmet has changed in colour, exhibits any signs of wear or damage due to impact or deterioration. (AS/NZS 1800:1998 3.4).

If the sticker has not been used or removed, replace the helmet three years from the manufacture date stamp under the brim or peak of the helmet. In the centre of the stamp is the year with a directional arrow pointing to the month of the year in which the helmet was made.

TECHNICAL DATASHEET



COMPATIBILITY CHART

The range of UniSafe safety helmets are compatible with UniSafe brand hearing, eye and face protection.

Various UniSafe brand PPE combinations are Certified (including manufacturer's Certified accessories) to Australian/New Zealand Standards

	VISOR HOLDER	CAP ATTACH EARMUFFS	VISORS (with visor holder)	BALA-CLAVA	CHIN-STRAP	SWEAT-BAND	WIDE BRIM/NECKFLAP	HAR-NESS
TA570	●	●	●	●	●	●	●	●
	VH500	RBZ3CA	Polycarb	TA179	TA175	TA094	TA173	TA598
	VH500P	RBZ2CA	Shaded			Terry		Ratchet
	VV765	RBZ1CA	Chinguard			Towelling		TA597
		RB44CA	Thermotuff+			TA095		Pinlock
		RB302				Lambswool		

- Certified

Note: The above provides a guide only. Please refer to Scott Safety for the comprehensive compatibility listing.

CUSTOMISATION & INTEGRITY

Scott Safety's corporate branding and reflective tape options are available across the range of Australian made UniSafe brand safety helmets to create and maintain company image and visibility on site.

Scott Safety's Australian made UniSafe brand safety helmets are manufactured under an independently audited scheme to ISO9001. The UniSafe Safety Helmets are licensed and manufactured to AS/NZS 1801:1997.

Scott Safety's logo printing and application of reflective tape to UniSafe brand safety helmets does not affect the integrity of the Safety Helmet.

ORDERING INFORMATION

PART NUMBER	DESCRIPTION
TA570	UniLite Safety Helmet ABS (Type 1) Vented
TA570RH	UniLite Safety Helmet ABS (Type 1) Vented & Ratchet Headgear
TA570M	UniLite Safety Helmet ABS (Type 1) Vented & Metal Miners Lamp Bracket
TA570L	UniLite Safety Helmet ABS (Type 1) Vented & Polycarbonate Miners Lamp Bracket

TECHNICAL DATASHEET



MAINTENANCE/CLEANING

The safety helmet should be kept in good condition and cleaned regularly using warm water and/or a mild detergent only. A brush can be used to remove stubborn marks from the shell. Prior to washing, the harness should be removed from the shell to facilitate cleaning. The use of solvents, very hot water or harsh abrasives is not recommended.

Worn or damaged headgear parts should be replaced immediately and damaged shells (splits, cracks, dents or excessive abrasion, discolouration or weathering of the shell surface) should be discarded.

Accessories must be OEM components and never use a makeshift chinstrap. A chinstrap whilst a simple component is designed to meet specific breaking loads. This is to prevent serious accidents from occurring.

WORKING LIFE

All information pertaining to selection, care and use is available in AS/NZS 1800:1998. Based upon industrial field tests Australian and New Zealand standards recommends, in general terms, an industrial safety helmet should be replaced every three years from date of issue, and the harness should be replaced every 2 years. Harsh conditions and/or rough usage dictate that a helmet may be replaced sooner.

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STORAGE

Storage is part of ongoing care and maintenance but is so often overlooked. Care should be taken to ensure your safety helmet, when not in use, is stored appropriately and not exposed to possible damage.

Refrain from leaving it sitting near the rear window of a car as it is exposed to intensified heat, sunlight and becomes a flying projectile in the event of a car accident or sudden braking.

DISPOSAL

Most components of this assemble can be recycled. Recycle symbols are present on both the shell and harness assemblies. If the product is to be disposed of, it should be disassembled and disposed of as solid waste. Please see local authority regulations for disposal advice and locations.