



Protector

TECHNICAL DATASHEET

SPECTRA-VU SAFETY GOGGLES



DESCRIPTION

The Australian made Protector Spectra-Vu goggle is available in both foam bound and unbound options.

Fitted with a polycarbonate anti-fog and anti-scratch lens for durability and improved vision. The flexible PVC goggle body provides excellent peripheral vision and facial seal.

The Spectra-Vu is a medium impact (I) eye protector 100% UV Protection.

The Spectra-Vu design allows for most prescription spectacles to be worn underneath.

The Spectra-Vu safety goggle can be integrated with Protector head and hearing protection.

APPLICATIONS


The Spectra-Vu safety goggle is suitable for general industrial use providing protection from impact, small flying particles and liquids eg, when grinding, sanding, polishing and decanting, etc.

Ideal for industries/applications such as general industry, chemical and splash resistance.

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TECHNICAL SPECIFICATIONS

GCV90:CL / GCV90RB:CL / GCV90NV:CL / GCV90NVRB:CL	
	
Frame Material	PVC
Lens Material	Polycarbonate
Lens Shade	Clear AF Lens Smoke Lens
Strap Material	Elasticised Fabric

APPROVAL INFORMATION

The Protector Spectra-Vu safety goggle has been tested and certified to AS/NZS 1337.1:2010 with a medium impact (I) rating.

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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

LENS MARKINGS

Markings on eye protectors 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 1337.1:2010	I = Medium Impact O = Outdoor/Indoor (untinted or amber)	OUTDOOR UNTINTED (FOR INDOOR AND OUTDOOR USE) These protectors are intended for indoor and outdoor use where no optical radiation hazards exist other than solar radiation.
	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 sun glare and ultraviolet radiation from the sun.
	Filter Lenses (green shade 5)	Refer gas welding table

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 1337.1:2010	Low Impact	12m/sec	12m/sec	Hammering, handling wire, brick chipping by hand	Spectacles
AS/NZS 1337.1:2010	Medium Impact	40m/sec	40m/sec	Grinding, machining metals, woodworking	Spectacles, Eyeshields or lightweight visor systems
AS/NZS 1337.1:2010	High Impact	120m/sec	110m/sec	Concrete cutting, high speed disc grinding, metal cutting	Visor systems only
AS/NZS 1337.1:2010	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.

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ORDERING INFORMATION

PART NUMBER	DESCRIPTION
GCV90:CL	Spectra-Vu Clear, Vented, AF Safety Goggle
GCV90RB:CL	Spectra-Vu Clear, Vented, Foam Bound, AF Safety Goggle
GCV90NV:CL	Spectra-Vu Clear, Non-vented, AF Safety Goggle
GCV90NVRB:CL	Spectra-Vu Clear, Non-vented, Foam Bound, AF Safety Goggle
GL90:CL	Replacement Clear AF Lens
GL90:SM	Replacement Smoke Lens
GXHB90	Replacement Headband

MAINTENANCE/CLEANING

Protector Safety Goggles should be inspected for deterioration or damage before each use.

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

DISPOSAL

As the goggles 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 disassembled and disposed of as solid waste. Please see local authority regulations for disposal advice and locations.