

3M™ SecureFit™ Protective Eyewear Series

Technical Data Sheet

Description

3M™ SecureFit™ Protective Eyewear Series comes with a variety of features, because having options in protective eyewear can be critical. Workers can choose from several lenses coating options, including 3M™ Anti-fog, and features like a removable foam gasket that combines with Pressure Diffusion Temple (PDT) Technology to create a secure and comfortable fit.

Internal testing per EN168 test method when compared with traditional anti-fog coatings.

Applications

The range covers a variety of hazards and specific tasks. These products can be used in a wide range of applications including Painting, Plastering and other forms of DIY, Foundry work, Engineering, General assembly, Woodworking and Construction.

Standards

3M™ SecureFit™ Protective Eyewear Series have been tested and certified to AS/NZS 1337.1:2010 and have a medium impact (I) rating.

Maintenance/cleaning

If the lens becomes scratched or pitted it should be replaced. Avoid exposure or contact of the lens with vapour or liquids which may cause surface crazing and reduce the impact resistance. Inspect and clean the spectacles regularly and replace if broken or damaged.

Thoroughly clean all surfaces with lens cleaner or mild soap solution. Do not clean spectacle with solvents. Air dry or pat dry with clean, soft cloth or tissue. The use of solvents, harsh detergents or abrasives is not recommended. Avoid exposure to MEK, Sulphuric Acid, Methylene Chloride, Toluene, Paint Thinner & Acetone.

Disposal

As the 3M™ SecureFit™ Protective Eyewear Series and their 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.



Specifications

	SecureFit™ Protective Eyewear Series
Frame	Polycarbonate
Side Arms	Polycarbonate, padded touch points
Weight	21g
Lens Material	Polycarbonate
Lens Types	Clear Grey Amber Indoor/Outdoor
Ratings	Medium Impact

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.

Impact protection is determined by the test velocity of a steel ball projectile. A ballistic test rig fires either a 6.00mm or a 6.35mm projectile ball at speeds from 12m, up to 190m per second.

Standard	Rating	Impact Protection Situations	Type of Protection
AS/NZS 1336:2014	Low Impact	Hammering, handling wire, brick chipping by hand	Spectacles
AS/NZS 1336:2014	Medium Impact	Grinding, machining metals, woodworking	Spectacles, Eshields or lightweight visor systems
AS/NZS 1336:2014	High Impact	Concrete cutting, high speed disc grinding, metal cutting	Visor systems only
AS/NZS 1336:2014	Extra High Impact	Abrasive shot blasting, ballistic, military, electrical maintenance	Visor systems only

Australian/New Zealand Standards AS/NZS 1336:2014 is an excellent reference document and provides assistance.

Medium impact safety spectacles provide protection from medium energy flying particles. For more information on tinted lenses and compliance testing to AS/NZS 1067 (sunglass standard) contact 3M.

Ordering Information

3M Code	Model #	Description
AT019494601	SF101AF-BLK	Polycarbonate Clear Anti-Fog-Anti-Scratch Lens
AT019494619	SF101AS-BLK	Polycarbonate Clear Anti-Scratch Lens
AT019494627	SF102AF-BLK	Polycarbonate Grey Anti-Fog-Anti-Scratch Lens
AT019494635	SF103AF-BLK	Polycarbonate Amber Anti-Fog-Anti-Scratch Lens
AT019494643	SF107AF-BLK	Polycarbonate Indoor Outdoor Grey Anti-Fog-Anti-Scratch Lens
70071676269	SF201AF-AS	Polycarbonate. Clear Lens
70071695509	SF202AF-AS	Polycarbonate. Grey Lens
70071676368	SF401AF-AS	Polycarbonate. Clear Lens
70071695426	SF402AF-AS	Polycarbonate. Grey Lens
70071695434	SF410AS-AS	Polycarbonate Indoor/Outdoor Mirror Lens
70071675345	SF-FOAM	SecureFit™ Foam Gasket
AT019494437	SF501AF-BLK	Polycarbonate Clear Anti-Fog-Anti-Scratch Lens
AT019494445	SF501SGAF-BLK	Scotchgard™ Polycarbonate Clear Lens
AT019494478	SF502SGAF-BLK	Scotchgard™ Polycarbonate Grey Lens
AT019494494	SF503SGAF-BLK	Scotchgard™ Polycarbonate Amber Lens
AT019494528	SF507SGAF-BLK	Scotchgard™ Polycarbonate Indoor Outdoor Grey Lens

Important Notice

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