

3M™ Fahrenheit™ Goggle Series

Technical Data Sheet

Description

The 3M™ Fahrenheit™ Goggle Series range of comfort goggles feature a modern, slim design and are available with acetate or polycarbonate lens. With Optical class 1 lens suitable for prolonged use and provides excellent coverage and good field of vision. Offering excellent protection against UV radiation while providing durable protection against large dust particles and liquid droplets. Lens coatings provide excellent scratch resistance. Designed to be worn with prescription eyewear. Specific channel on the inside of the frame to accommodate the temple of prescription frames.

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.

Specifications

Fahrenheit™ Goggle Series	
Frame	Polycarbonate
Lens Material	40170 PVC 40171 PVC 40172 Acetate 40173 PVC
Lens Types	40170 Anti fog Indirect venting 40171 Hard Coat Indirect Venting 40172 Anti Fog Non Vented 40173 Anti Fog Indirect Venting
Strap Material	40170 Nylon 40171 Nylon 40172 Neoprene 40173 Nylon
Ratings	Medium Impact

Standards

3M™ Fahrenheit™ Goggle Series Goggle have been tested and certified to AS/NZS 337.1:2010 and have a medium impact (I) rating.



Maintenance/cleaning

3M™ Fahrenheit™ Goggle Series goggles should be inspected for deterioration or damage before each use.

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™ Fahrenheit™ Goggle Series goggles 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.

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 Protector
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
70071531621	40170-00000	Polycarbonate Clear Lens
70071531639	40171-00000	Polycarbonate Clear Lens
70071531647	40172-00000	Acetate Clear Lens
70071531654	40173-00000	Black Foam Frame. Polycarbonate Clear Lens

Important Notice

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