

3M™ 2700 Series

Technical Data Sheet

Description

Provides a unique combination of performance, comfort, fit, and application versatility. Designed for use over prescription glasses.

Applications

This 3M™ protective eyewear is designed to wear over prescription glasses for safety reasons and are suitable for use in a wide variety of workplaces. 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™ 2700 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 3M™ 2700 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

2700	
Frame	Polycarbonate
Side Arms	Polycarbonate
Weight	24g
Lens Material	Polycarbonate
Lens Types	Clear
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, Eyeshields 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
70071649514	2700-00000-100AS	Clear Frame/Clear Lens in Polybag

Important Notice

To the extent permitted by law, 3M shall not be liable for any loss or damage including any loss of business, loss of profits, or for any indirect, special, incidental or consequential loss or damage arising from reliance upon any information herein provided by 3M. Nothing in this statement will be deemed to exclude or restrict 3M's liability for death or personal injury arising from its negligence.



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