

3M™ Fahrenheit™ Series Safety Goggles

Technical datasheet



Product description

The 3M™ Fahrenheit™ Safety Goggle features a stream-line design that provides excellent field of view and a lightweight protection solution. Polycarbonate lens versions are available for increased impact protection. Acetate lens models stand up to contact from a number of chemicals commonly used in industrial and laboratory environments.

Key features

- ▶ Optical class 1 lens suitable for prolonged use
- ▶ Design provides excellent coverage and good field of vision
- ▶ Provides excellent protection against liquid droplets and large dust particles
- ▶ Lens treatment provides both scratch resistance and anti-fogging

Product range

Product ID	Description	Lens colour	Frame colour
71360-00011	3M™ Fahrenheit™ Safety Goggles, Indirect Vented, Anti-Scratch/Anti-Fog, Clear Polycarbonate Lens	Clear PC	Clear
71360-00012	3M™ Fahrenheit™ Safety Goggles, Indirect Vented, Anti-Scratch, Clear Polycarbonate Lens	Clear PC	Clear
71360-00013	3M™ Fahrenheit™ Safety Goggles, T-N-Wear, Indirect Vented, Neoprene Headband, Anti-Fog, Clear Acetate Lens	Clear Acetate	Clear
71360-00014	3M™ Fahrenheit™ Safety Goggles, Foam Lined, Indirect Vented, Anti-Scratch/Anti-Fog, Clear Polycarbonate Lens	Clear PC	Clear
71360-00015	3M™ Fahrenheit™ Safety Goggles, Sealed, Neoprene Headband, Anti-Fog, Clear Acetate Lens	Clear Acetate	Clear
71360-00017	3M™ Fahrenheit™ Safety Goggles, Helmet Version, Foam Lined, Sealed, Anti-Fog, Clear Acetate Lens	Clear Acetate	Clear

Typical applications

These products can be used in a wide range of applications including:

- ▶ Chemical
- ▶ Construction
- ▶ Engineering
- ▶ General assembly
- ▶ Maintenance and repair
- ▶ Pharmaceutical

Use limitation

- ▶ Never modify or alter this product
- ▶ Do not use this product against hazards other than those specified in this document
- ▶ These products are not suitable for welding

Standards and approval

These products are type examined by BSI Group, Notified Body number 2797.

These products are CE marked to the requirements of European Regulation (EU) 2016/425.

The applicable legislation can be determined by reviewing the Certificates and Declarations of Conformity at www.3M.com/Eye/certs

Intended use

In accordance with EN 166:2001, the 3M™ Fahrenheit™ Goggle is intended for protection against high speed particles at low energy (F) at room temperature (acetate lens versions) and protection against high speed particles at medium energy (B) at extreme temperature conditions, -5°C and +55°C (T) (polycarbonate lens versions).

Materials listing

Component	Material
Lens	Polycarbonate or acetate
Shroud	PVC
Strap	Nylon or neoprene
Strap clips	Polycarbonate
Foam	Polyurethane
Tear-N-Wear	Acetate film

Marking

The 3M™ Fahrenheit™ goggle has demonstrated compliance with the requirements of EN 166:2001 and associated standards and bears the following marks:

Product ref	Lens marking	Frame marking
71360-00011	3M 1 BT	3M EN 166 3 4 BT
71360-00012	3M 1 BT	3M EN 166 3 4 BT
71360-00013	3M 1 F 9	3M EN 166 3 4 9 F
71360-00014	3M 1 BT	3M EN 166 3 4 BT
71360-00015	3M 1 F 9	3M EN 166 3 4 9 F
71360-00017	3M 1 F 9	3M EN 166 3 4 9 F

Explanation of marking

Marking	Description
1	Optical class
F	Impact protection against high speed particle at low energy (45m/s)
B	Impact protection against high speed particle at medium energy (120m/s)
T	Tested for impact protection at extreme temperature conditions -5°C and +55°C
3	Field of use: Liquid Product protects against liquid droplets
4	Field of use: Dust Product protects against large dust particle hazards
9	Field of use: Molten metal Product protects against molten metals and hot solids

IMPORTANT NOTICE

The use of the 3M product described within this document assumes that the user has previous experience of this type of product and that it will be used by a competent professional. Before any use of this product it is recommended to complete some trials to validate the performance of the product within its expected application.

All information and specification details contained within this document are inherent to this specific 3M product and would not be applied to other products or environment. Any action or usage of this product made in violation of this document is at the risk of the user.

Compliance to the information and specification relative to the 3M product contained within this document does not exempt the user from compliance with additional guidelines (safety rules, procedures). Compliance to operational requirements especially in respect to the environment and usage of tools with this product must be observed. The 3M group (which cannot verify or control those elements) would not be held responsible for the consequences of any violation of these rules which remain external to its decision and control.

Warranty conditions for 3M products are determined with the sales contract documents and with the mandatory and applicable clause, excluding any other warranty or compensation.

For more information on 3M products and services please contact 3M.

Personal Safety Division

3M United Kingdom PLC
3M Centre, Cain Road
Bracknell, Berkshire RG12 8HT
Tel.: 0870 60 800 60
www.3M.eu/Safety

3M Ireland Limited
The Iveagh Building
Carrickmines Park
Carrickmines
Dublin 18
t: 1800 320 500

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