

3M™ Head & Face Technical Datasheet



3M™ V5 Face Shield System (with Mesh Face Shield)

Product description

The 3M™ V5 Face Shield System is a combination of the V5 Face Shield Carrier, a mesh face shield (3 varieties available) and the 3M™ G3000 Helmet. Hearing protection is optional.

Key Features:

- Compatible with 3M™ G3000 safety helmet series
- Three different mesh face shields available
- Mesh Face shields available as class F (high speed particles - low energy) or S (increased robustness)

Applications

- Gardening
- Forestry

Use and storage:

Temperature range for usage: -5°C – +55°C

Recommended storage conditions: -20° C - +55° C, <85% humidity

Recommended maximum shelf life: 5 years.

Use limitation

- Never modify or alter this product
- Do not use this product against hazards other than those specified
- Refer to the relevant user instruction for further information



Attach to helmet

The 3M™ V5 Face Shield System is designed to attach to the 3M™ G3000 Helmet Series via a wide range of 3M™ Peltor™ Ear Muffs with helmet attachment. If no hearing protection is required a 3M™ P3VE/2 Helmet Attachment should be used.



Easy adaption

The "Snap-in" feature makes it quick and easy to attach the face shield to the face shield holder.



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Standards and Approval:

The 3M™ V5 Face Shield System has been shown to meet the basic safety requirements of the European Directive 89/686/EEC and is thus CE marked.

The mesh face shields have been tested and approved in accordance with EN1731:2006.

The product has been examined by FIOH, Finnish Institute of Occupational Health, Topeliuksenkatu 41 a A, FI-00250, Helsinki, Finland Notified body #0403.

Model	European Standard	Symbol	Field of use	Mechanical Strength
V5	EN1731:2006	F	High speed particles	Low energy impact (45m/s)

Model	European Standard	Symbol	Field of use	Mechanical Strength
5B	EN1731:2006	F	High speed particles	Low energy impact (45m/s)
5C-1	EN1731:2006	S	Basic Use	Increased robustness
5J-1	EN1731:2006	S	Basic Use	Increased robustness

If the face shield and the frame are not both marked with the same symbol, the lowest level applies to the complete face protector.

Technical Specification:


The linkage system can carry clear face shields as well as mesh face shields.

Model	Material(s):	Mesh dimension:	Light reduction	Weight:	Colour:
5B	Polyamide mesh	ø 0,3 1,0 x 1,0 mm	45%	45 g	black
5C-1	Stainless steel mesh	ø 0,24 1,8 x 2,5 mm	24%	54 g	black
5J-1	Etched stainless steel mesh	Area 1: 4,0x1,5x0,15 mm Area 2: 3,8x1,4x0,15 mm Area 3: 3,7x1,3x0,15 mm	Area1: 17% Area 2: 28% Area 3: 37%	53 g	black

For polycarbonate face shields see specific Technical data sheet

Model	Material(s):	Weight:	Colour:
V5	PA66	66 g (w/o face shield)	Black

Spare Parts and Accessories:

Product code	Description
5B	Face shield, Polyamide mesh
5C-1	Stainless steel mesh
5J-1	Etched stainless steel mesh
P3EV/2 3M Id: XH001651484	Helmet attachment w/o muffs 
V5	Face shield carrier

Important Notice

3M does not accept liability of any kind, be it direct or consequential (including, but not limited to, loss of profits, business and/or goodwill) arising from reliance upon any information herein provided by 3M. The user is responsible for determining the suitability of the products for their intended use. 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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