

3M™ Head & Face Technical Datasheet



3M™ V5 Linkage system for Helmet

Product description

The 3M™ V5 Linkage system can be mounted onto the 3M™ G22 or 3M™ G3000 Industrial Safety helmet series to allow attachment of a range of faceshields.

Key Features:

- Compatible with 3M™ G22 and 3M™ G3000 industrial 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 recommended safety helmets, via a wide range of 3M™ Peltor™ Ear muffs with helmet attachment.



Easy adaption

The new “Snap-in” feature makes it quick and easy to combine the face shield to the face shield holder.



F
Protection against
high speed particles
45 m/s

S
Increased
robustness

3M

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Standards and Approval:

The V5 Linkage 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 

Important Notice

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