

# 3M™ Head & Face Technical Datasheet



## 3M™ V5 Face Shield System (with Polycarbonate Face Shield)

### Product description

The 3M™ V5 Face Shield System is a combination of the V5 Face Shield Carrier, the polycarbonate face shield (5F-11) and the 3M™ G3000 Helmet. Hearing protection is optional.

### Key Features:

- Compatible with 3M™ G3000 Safety Helmet Series
- Anti Fog coated face shields
- Stable and robust replaceable face shields

### Applications

- Industry
- Grinding
- Risk of Splash

### 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 clear face shield models have been tested and approved in accordance with EN166:2001.

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	EN166:2001	A BT 3 8 9	High speed particles High speed particles at extremes of temperature (-5°C to +55°C) Liquid Splash Short Circuit Electric Arc Molten Metal Splash	High energy impact (190m/s) Medium energy impact (120m/s)
	EN1731:2006	F	High speed particles	Low energy impact (45m/s)

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

Model	European Standard	Scale Number	Optical Class	Symbol	Field of use	Mechanical Strength
5F-11	EN166:2001	2C-1,2	1	B 3 8	High speed particles Liquid Splash Short circuit electric arc	Medium energy impact

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:

Model	Material(s):	Size	Weight:	Colour:
V5	PA66, Stainless steel	-	66 g (w/o face shield)	black

The headgear can carry mesh face shields as well as clear face shields.

## Available polycarbonate face shields:

Model	Material(s):	Minimum thickness	Coating	Weight:	Colour:
5F-11	Polycarbonate	1,5 mm	Anti Fog + Anti Scratch	138 g	Clear

For mesh face shields see specific Technical data sheet

## Spare Parts and Accessories:

Product code	Description
5F-11	Polycarbonate Face shield, Clear
P3EV/2 3M Id: XH001651484	Helmet attachment w/o muffs 

## 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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CHV5INDD5 Iss.3