

V-Gard® Visor Comparison



V-Gard Visor	P/N	Dimensions l x w x thickness	Visor Type	Fits with Earmuffs	Works with Chin Protector ¹	Impact	Anti-Scratch	Anti-Fog	UV	Tinted	Welding (Shade)	Arc  EN 166/8	Molten Metal Splash	Elevated Temperature ¹	Chem- Resistant ²
General Purpose															
SHEET, CLEAR, PC EN 166 (2C-1.2 1B)	10115836	203x432x1 mm	PC	✓		✓			✓						✓
SHEET, CLEAR, PC, CHN EN 166 (2C-1.2 1B)	10115837	203x432x1 mm	PC	✓	✓	✓			✓						✓
SHEET, CLEAR, PC EN 166 (2C-1.2 1B)	10115863	241x432x1 mm	PC	✓		✓			✓						✓
SHEET, CLEAR, PC EN 166 (2C-1.2 1B 389)	10115840	203x432x1.5 mm	PC	✓		✓			✓			✓	✓		✓
SHEET, CLEAR, PC, AF/AS EN 166 (2C-1.2 1B 389 KN)	10154949	203x432x1.5 mm	PC	✓		✓	✓	✓	✓			✓	✓		
SHEET, CLEAR, PC, AF/AS, CHN EN 166 (2C-1.2 1B 389 KN)	10154950	203x432x1.5 mm	PC	✓	✓	✓	✓	✓	✓			✓	✓		
Splash/Chemical															
MOULDED, CLEAR, PROPIONATE EN 166 (MSA 1B3)	10115855	203x432x2.5 mm	PROP	✓		✓									✓
MOULDED, CLEAR, PROPIONATE, CHN EN 166 (MSA 1B3)	10115856	203x432x2.5 mm	PROP	✓	✓	✓									✓
MOULDED, CLEAR, PROPIONATE EN 166 (MSA 1B3)	10115851	235x432x2.5 mm	PROP			✓									✓

¹ Visor not coated with heat reflective material. Not recommended for use in most radiant heat environments.
² Please consult the Chemical Application Quick Reference Guide or call MSA Customer Service for additional information on the types of chemicals resisted by specific visors.

Key Code

PC	Polycarbonate
Prop	Propionate
AFAS	Anti-fog and anti-scratch coatings
CHN	For use with V-Gard Chin Protectors

Markings on frames and visors according to EN 166

Filter class and scal number

Increases with decreasing luminous transmittance through the visor:

2	Ultra violet radiation
2-C	UV radiation with enhanced colour recognition
2C-1.2	UV filter with enhanced colour recognition, light transmission 74.4%–100 % (UV EN 170)
2-2	UV filter, light transmission 29.1%–43.2 % (UV EN 170)
4-3 / 3	Shade 3 filter according to EN 171 (IR) and EN 169 (welding)
4-5 / 5	Shade 5 filter according to EN 171 (IR) and EN 169 (welding)

Optical quality

1	Highest optical quality for permanent use
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Mechanical strength

F	High speed particles with low energy impact (45 m/s)
B	High speed particles with medium energy impact (120 m/s)
T	Additional resistance at extreme temperatures (-5 and +55 °C) 74.4%–100 % (UV EN 170)

Field of use

Offers protection against:

3	Liquid droplets and splash
8	Short circuit electric arc
9	Non-adherence of molten metal and resistance to penetration of hot solids
K	Resistance to surface damage by fine particles
N	Resistance to fogging

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												 EN 166/8			
Elevated Temp															
MOULDED, CLEAR, PC, AF/AS EN 166 (2C-1.2 1BT 389 N)	10115844	235x432x2.5 mm		✓		✓	✓	✓	✓			✓	✓	✓	✓
MOULDED, CLEAR, PC, AF/AS EN 166 (2C-1.2 1BT 389 N)	10115853	264x432x2.5 mm		✓		✓	✓	✓	✓			✓	✓	✓	✓
MOULDED, GREEN TINT, PC,AF/AS EN 166 (2-2 1BT 39 N)	10115845	235x432x2.5 mm		✓		✓	✓	✓	✓	✓			✓	✓	✓
Mesh Visors															
STAINLESS STEEL MESH, PLASTIC EDGE EN 1731 F	10155774	203x432 mm		✓											
STAINLESS STEEL MESH, PLASTIC EDGE, CHN EN 1731 F	10155775	203x432 mm		✓	✓										

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Note: This Bulletin contains only a general description of the products shown. While product uses and performance capabilities are generally described, the products shall not, under any circumstances, be used by untrained or unqualified individuals. The products shall not be used until the product instructions/user manual, which contains detailed information concerning the proper use and care of the products, including any warnings or cautions, have been thoroughly read and understood. Specifications are subject to change without prior notice. MSA is a registered trademark of MSA Technology, LLC in the US, Europe, and other Countries. For all other trademarks visit <https://us.msasafety.com/Trademarks>.

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