V-Gard® Reflective High Temperature Visors

Face Protection - Technical Data Sheet

All V-Gard visors easily fit to V-Gard Headgear brow guard and on V-Gard frames for all V-Gard helmets.

The special V-Gard reflective coated visors are ideal for work places with high thermal radiation levels. They deflect a significant amount of heat. Using thick and injection moulded polycarbonate the visors are robust and impact resistant EN166 “B” at extreme temperatures “T”.

The special coating reflects IR radiation and helps to dissipate radiant heat. They are EN 166 ‘R’ certified: spectral reflectance of IR between 780nm and 2000nm is >60%, helping to protect skin and eyes from IR exposure.

Optically corrected V-Gard reflective coated visors offer very good view and reduce fatigue during work. To ensure complete face and ear coverage they are extra wide. They are available as clear or tinted versions for dark vs. glare-riddled environments. (Note : Visors may not close fully when worn with helmet-mounted earmuffs)

The ideal combination for reflective coated visors is the V-Gard Elevated Temperature frame and the helmet ThermalGard +150°C approved. Please see the separate datasheets, the whitepaper about IR reflectance and the flyer for high temperature applications.

P/N	Key Specifications								Masterpack: Selling Unit Qty
	LxW (mm)	Thickness (mm)	Weight (grams)	Tint	UV Filter	Coatings	EN 166 Approval	EAN Code 13	
10115848	241x450	1.8	193	Clear	2C-2,5	reflective	2C-2,5 1BT 3R	641817025963	5
10115850	241x450	1.8	193	Green	2-4	reflective	2-4 1BT 3R	641817025987	5
Material	All Visors listed above are made of Polycarbonate								
UV Filter	2-2,5 EN 170 UV filter= UV transmittance max 3% (313-365nm); Light transmission 29,1-17,8% C Enhanced colour recognition 2-4 EN 170 UV filter= UV transmittance max 0,8% (313-365nm); Light transmission 8,5-3,2%								
EN166:2001 Marking details	1 Optical class 1 for permanent usage B Medium energy impact protection T Impact resistance at extreme of temperatures (-5/+55°C) 3 Protection against droplets and splashes of liquids R Spectral reflectance of IR between 780nm and 2000nm is >60% MSA V-Gard visors are also approved to ANSI Z87-1, CSA Z94-3, AS/NZS 1337								
Packaging	Specified part numbers correspond to one visor, which is individually packed in polybag with instruction and individual label with barcode EAN code 13. MSA sells in Masterpacks (WxLxH = 250x435x45 mm) of 5. Masterpack label includes GS1-128 code								

10115848 -Reflective Moulded Visor, clear

10115850 - Reflective Moulded Visor, green

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