V-Gard® Moulded Visors for Heavy Duty Purpose

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.

V-Gard PC moulded visors are developed for heavy duty use. They keep workers safe and comfortable in environments such as steel/smelting plants where they are exposed to high levels of heat and/or excessive glare

V-Gard PC moulded visors offer superior protection from flying debris, splash, UV radiation, molten metal splashes and electric arc. Being moulded makes them optically correct, and helps ensure very good view and reduced eye fatigue. Their chemical and heat resistance is better as they are thicker and not as stressed as flat visors. The impact resistance at extreme temperatures is certified by EN 166 “BT”. Electric arc protection is proofed by EN166 “8” and GSET29 class 1- 4kA testing. The premium Antifog/Antiscratch coating, certified EN166 “KN”, ensures a higher comfort, improved safety and increased lifetime.

V-Gard PC moulded visors can be worn in combination with helmet mounted ear muffs. The green tinted version helps alleviate eye strain and fatigue by reducing excessive glare, especially in outdoor working conditions.

For different visor versions, frames and chin protectors please see the separate datasheets.

P/N	Key Specifications								Masterpack: Selling Unit Qty
	LxW (mm)	Thickness (mm)	Weight (grams)	Tint	Coatings	EN 166 Approval	GS-ET 29 Electric arc	EAN Code 13	
10115844	240x430	2.5	210	Clear	Premium AF/AS	2C-1,2 1BT 389 KN	class 1, 4kA	641817025918	5
10115853	270x430	2.5	230	Clear	Premium AF/AS	2C-1,2 1BT 389 KN	class 1, 4kA	641817026014	5
10115845	240x430	2.5	210	Green	Premium AF/AS	2-2 1BT 39 KN		641817025918	5

More visor versions are EN certified but only available for large orders and longer lead time. Please contact MSA.

Material	All Visors listed above are made of Polycarbonate
UV Filter according EN166	2-1,2 EN 170 UV filter= UV transmittance max 10% (313-365nm); Light transmission > 74.4% C Enhanced colour recognition 2-2 EN 170 UV filter= UV transmittance max 5% (313-365nm); Light transmission 29.1 and 43.2%
EN166:2001 Marking details	1 Optical class 1 for permanent usage B Medium energy impact protection (B = 120 m/s) T Impact resistance at extreme of temperatures (-5/+55°C) 3 Protection against droplets and splashes of liquids 8 Resistance to short circuit electric arc 9 Non adherence of molten metals and resistance to penetration of hot solids KN Resistance to Scratches (K) and to Fogging of oculars (N) MSA V-Gard visors are also approved to ANSI Z87-1, CSA Z94-3, AS/NZS 1337.
Chemical resistance	Please see MSA’s Chemical Application Quick Reference Guide.
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 visors. Masterpack label includes GS1-128 code



10115844 –
Moulded Visor, 240mm x 430mm



10115853 –
Moulded Visor, 270mm x 430mm



10115845 –
Moulded Visor, 240mm x 430mm