

Technical datasheet

for Personal Protective Equipment: Electricians face shield arc class 2 (7 kA)

<u>Articleno.:</u> GFKES004 / GFKES004-3 / GFKES004-5				<u>Description:</u> Face shield made of polycarbonate, green, 550x200x2,0mm with chin guard used with safety helmet for the protection against electric arcs class 2 (7 kA).	
<u>EN Norms:</u>				<u>CE-Certificate:</u>	
EN 166	EN 168	EN 169	EN 170	C2867.1UHL	
GS-ET-29					
Technical features					
Weight: 460g					
<ul style="list-style-type: none"> the face shield is made of polycarbonate the face shield has no open metal parts and can be used for live works up to 1.000V the visor is 2,0mm thick and fixed to the U-Profile with a plastic screw joint the face shield has a flange and seals the shield at the top the face shield is securely attached to the helmet by a wide, adjustable elastic band 			<ul style="list-style-type: none"> the face shield has a chin guard with Nomex bib for additional protection electric arc class 2 (7 kA/ 423kJ/m³) in accordance with GS-ET-29 VLT class 2 (according to ISO 10527) visible light transmittance (D65) < 50% mechanical stability in accordance with EN 166 = B (medium impact 120 m/s) the ATPV is 46 Cal/cm² 		
<u>Used materials:</u>					
Visor:		Polycarbonate, green, 2,0mm			
U-profile:		Polycarbonate 2mm			
Elastic band:		Silicone, Para grey ca. 40° Shore, 16mm wide			
Attaching parts:		Polypropylene PP GV 30			
Chin guard:		Polycarbonate			
Bib:		Nomex			
<u>Fields of use:</u>					
<ul style="list-style-type: none"> live works with high voltage up to 1.000 V 			<ul style="list-style-type: none"> areas is which an electric arc class 2 (7 kA) could occur 		
<u>Marking:</u>					
		1000V 2C-2 UHL 1 B 8-2-2 / 166 8-2 B CE 1883 on the front of the visor, upper right side			