



G1 Full Face Mask - A New Level of Comfort and Safety



Features and Benefits

Enhanced COMFORT



- ☑ Broad sealing line for ultimate tightness and comfort
- Optimised balance point and greater freedom for head movement
- ✓ Low profile and weight
- ✓ Low inhalation and exhalation resistance
- Perfect fit with 3 sizes for face blank and nose cup

Undistracted VIEW



- ✓ Flat lens design prevents optical refractions and reflections
- ✓ More than 90% of the natural field of vision
- Optimised airflow continuously flushes the lens to avoid fogging

Easy MAINTENANCE



- Acoustic and feel feedback when fitting major components
- Reduced time for typical maintenance procedures and preparation for safe cleaning
- ✓ Disassembly in less than 30 seconds
- ✓ Significantly tougher lens for increased protection when cleaning and disinfecting

State-of-the-Art COMMUNICATION



- Ideal position of speech diaphragm for high quality voice transmission
- ✓ C1 headset easily attaches to the outside of the G1 mask, integrating seamlessly with the mask design
- ✓ Microphone design protects against surrounding sound (no transmission of unwanted noise)
- ✓ Single interchangeable C1 headset between users provides lower cost-of-ownership



PS-MaXX Push-to-connect



M45x3



ESA



G1 fixed Push-to-connect





G1 Mask – Technical Specifications

Approvals	EN 136: 1998, class 3+			
Antistatic Properties	Rubber			
	Harness	Textile (Kevlar)	1G	
	Faceblank			
	Neck strap	Rubber	I M1 II 1G IIC II 1D	
		Textile (Nomex)	M1 1G B 2G C 1D	
	Filter adapter	For fixed Push-to-connect	M1 1G C 1D	
	Connector pieces	Push-to-connect	I M1 II 1G IIC II 1D	
		M45x3		
		ESA		
	Lens	Standard lens	M1 1G C 1D	
		Anti-fog lens	M1 1G A 2G B 1D	
		Anti-scratch lens	I M1 II 1G IIB II 2G IIC II 1D	





G1 Mask – Technical Specifications

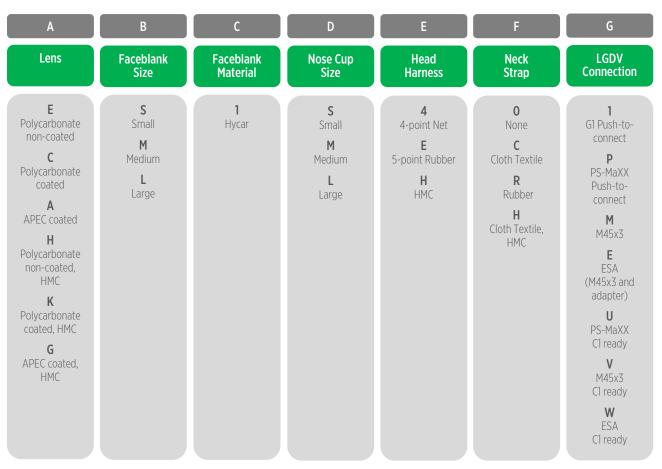
Material	
Face blank	NR/NBR rubber
Nose cup	Silicone
Head harness	Rubber: NR/NBR Textile: Kevlar
Lens frame	Nylon (PA)
Lens	Polycarbonate Polycarbonate with hard coat APEC with hard coat and antifog
Neck strap	Rubber: CR Textile: Nomex
Helmet adapters	Stainless steel

Specifications Specification Specifica				
Weight and Dimensions	Weight	Dimensions (HxWxD)		
G1 mask with net harness	Approx. 630 g	225 x 185 x 135 mm		
G1 mask with rubber harness	Approx. 650 g	225 x 185 x 135 mm		
G1 mask with helmet adapter	Approx. 720 g	225 x 250 x 135 mm		
Total Inward Leakage	Requirements EN	Typical Values		
Inward Leakage	≤ 0.05%	≤ 0.01%		
Airway Resistance	Requirements EN	Typical Values		
Exhalation resistance at 10 I/min	≥ 4.2 mbar starting pressure	~ 4.8 mbar starting pressure		
Exhalation resistance at 25*2.0 l/min	≤ 7.0 mbar positive pressure	~ 5.5 mbar positive pressure		
Exhalation resistance at 40*2.5 I/min	≤ 10.0 mbar positive pressure	~ 7.0 mbar positive pressure		
Inhalation resistance at 40*2.5 I/min	≤ 3.5 mbar low pressure	~ 2.6 mbar low pressure		
Field of Vision	Requirements EN	Typical Values		
Field of view	≥ 70%	≥ 90%		
Overlapped field of view	≥80%	≥ 85%		





G1 Full Face Mask - Assembly To Order (ATO) Overview



HMC = Helmet-Mask Combination LGVD = Lung-Governed Demand Valve

