

MSA G1 Facepiece Product Specification



Twin Cartridge Adapter



Single Cartridge Adapter



Product Platforms – Supplied Air	G1 NFPA SCBA, G1 Industrial SCBA, G1 Premaire Cadet Escape Air Line Respirator, G1 Cadet Air Line Respirator
Product Platforms – APR	Bayonet Style (Advantage®) Respirator Filters and Cartridges, Threaded Style (Comfo®) Respirator Filters and Cartridges
Product Platforms – PAPR	Optimair® TL PAPR, Optimair Mask Mounted PAPR, G1 (CBRN) PAPR
Product Platforms – Gas Mask	G1 CBRN Gas Mask, G1 Industrial Canisters, G1 Riot Control
Field of View	Facepiece shall have effective field of view of 86% and overlapping field of view of 122% without attached component.
Head Harnesses	Facepiece shall have three head harness options constructed of flame/heat resistant assembly: Kevlar Head Harness 4-pt. adjustable, Kevlar 5-pt. adjustable and rubber 5-pt. adjustable. Also a Polyester cloth 4-pt. adjustable harness shall be available for Non-NFPA, Industrial use only.
Lens	Facepiece shall have universal lens that can be used with all three facepiece sizes, shall be comprised of non-shatter type material and shall be field-replaceable. Lens shall be hard-coated on outside and anti-fog coated on inside.
Neckstrap	Facepiece shall have optional flame/heat-resistant fabric or rubber neck strap to carry facepiece in ready position for quick donning – SCBA Use Only
Materials	Facepiece shall come standard in Hycar Rubber in 3 sizes (small, medium, large). Alternate Hypoallergenic material available. Nosecup comprised of silicone rubber and available in 3 sizes (small, medium, large).
Twin Cartridge APR Adapter	Facepiece shall have an optional twin port, cartridge adapter that can accept bayonet style APR cartridges as well as an adapter for threaded APR cartridges.
Single Port APR Adapter	Facepiece shall have an optional single port, 40mm adapter to be used with PAPR, Gas Mask, CBRN canisters and other respirator platforms.
Facepiece Requirements	<ul style="list-style-type: none"> • Facepiece shall have removable inhalation check valve to prevent exhaled air from entering and contaminating regulator (demand valve). • Facepiece shall have open port to provide minimal breathing resistance when regulator is not attached. • Facepiece shall not contain electronic components. • Facepiece shall provide means to display to user with visual indicators for HUD. • Facepiece shall have icon for HUD system status indicators. • Facepiece shall have regulator attachment that does not bear any weight on lens. • Facepiece shall have exhalation valve that is to be serviceable without special tools. • Facepiece shall be capable of water submersion for cleaning and disinfection. • Facepiece includes provides RFID chip for optional asset & maintenance tracking.