

Chin-Type Gas Masks

Full-Facepiece Air-Purifying Respirator



The MSA Chin-Type Gas Mask is a full-facepiece air-purifying respirator with a single canister, designed for respiratory protection against specific gases or a group of gases as indicated by canister identification.

*Because every life has a **purpose...***

Chin-Type Gas Masks

The lightweight, round plastic canister attaches directly to the facepiece, yet permits downward head movement. Chin-Type Gas Masks can be used for many applications including paper mills, chemical plants, agri-business, fumigation and HazMat situations. Choices include a silicone or rubber facepiece in three sizes and four styles, optional carrying/storage case and wall hanger. A belt-mounted option is also available. MSA NIOSH-approved canisters with particulate filters have a five-year shelf life. Round plastic chin canisters are provided for one of four hazard groups:

- Phosphine/ammonia/chlorine/P100
- Hydrogen fluoride/chlorine/P100
- Organic vapor/P100
- Formaldehyde/acid gas/chlorine dioxide/hydrogen sulfide/P100

Gas masks are designed solely to remove specific contaminants from air. Their use is restricted to entry into, or work within, atmospheres that are within canister limitations. They are not intended for oxygen-deficient atmospheres (less than 19.5% O₂). Gas masks may be used for escape only from atmospheres in which the contaminant concentration does not exceed the gas mask maximum use concentration. Chin-Type Gas Masks have the following maximum use limitations:

Routine use: 50 times the Permissible Exposure Level (PEL) - Do not exceed the Immediately Dangerous to Life or Health (IDLH) concentration.

Escape use: contaminant concentrations up to gas mask maximum use concentrations, providing there is sufficient oxygen to support life.

Gas masks are generally suitable for ventilated areas with relatively stable concentration levels. They should never be used within confined spaces, or where oxygen deficiency and/or high gas concentrations may exist.

MSA Facepieces	Material Options		Head Harness		
	SILICONE	HYCAR™ RUBBER	NET	RUBBER	ADVANTAGE-STYLE
ADVANTAGE® 4100 FACEPIECE	■	■	■	■	
ADVANTAGE 3100	■			■	■
ULTRAVUE® FACEPIECE	■	■		■	
ULTRA ELITE® FACEPIECE	■	■		■	

All four facepieces offer:

- Three sizes to accommodate many users.
- Scratch-resistant polycarbonate lens with wide field of vision.
- Nosecup to reduce lens fogging in low temperatures or high humidity.
- Optional lens cover for additional scratch resistance.

For the Advantage 4100 Facepiece, an adapter is available for converting it into a twin cartridge respirator (with Advantage Cartridges) or a RD40 Facepiece.

Optional Carrying/Storage Plastic Case





Optional carrying/storage plastic case with carrying strap and separate wall-mounting bracket is ideal for storage in car trunks and tool lockers.



Ordering Information

Gas mask facepieces, canisters and storage cases are sold separately.

Advantage 4100 Facepiece (also requires RD40 Canister Adapter P/N 10065330)						
SILICONE	SMALL		MEDIUM		LARGE	
POLYESTER NET HEAD HARNESS	10083796		10083792		10083800	
RUBBER HEAD HARNESS	10083798		10083794		10083802	
KEVLAR NET HEAD HARNESS	10108575		10108573		10108577	
HYCAR	SMALL		MEDIUM		LARGE	
POLYESTER NET HEAD HARNESS	10083797		10083793		10083801	
RUBBER HEAD HARNESS	10083799		10083795		10083803	
KEVLAR NET HEAD HARNESS	10108576		10108574		10108578	
Advantage 3100 Single-Port Respirator Facepiece						
HARNESS	SMALL		MEDIUM		LARGE	
WITH RUBBER HARNESS	10028999		10028998		10029000	
WITH ADVANTAGE HARNESS	10031343		10031342		10031344	
	Ultravue Facepiece			Ultra Elite Facepiece		
MATERIAL	SMALL	MEDIUM	LARGE	SMALL	MEDIUM	LARGE
BLACK SILICONE	480251	480247	480255	493072	493028	493116
BLACK HYCAR RUBBER	471218	457126	471230	493064	493020	493108

Replacement Canisters for Chin-Type Gas Masks								
MSA CANISTER IDENTIFICATION	PURIFYING PROTECTION CODE	COLOR CODING	APPROVAL	MAXIMUM USE CONDITIONS		GAS/VAPOR	SINGLE CANISTER P/N	BOX/12 CANISTERS P/N
				% VOLUME	PPM			
Phosphine/ammonia/chlorine/P100	PH/AM/CL		TC-14G-0274	0.50%	5000	Ammonia, chlorine and phosphine	10059903*	10094314*
				0.15%	1500			
Organic vapor/P100	OV		TC-14G-0279	0.50%	5000	Organic vapors, also effective against organic iodides and iodide vapors	10067469*	10094315*
Hydrogen fluoride/chlorine/P100	HF/CL		TC-14G-0280	0.10%	1000 5000	Hydrogen fluoride and chlorine	10067491*	10091352*
Formaldehyde/acid gas/chlorine dioxide/hydrogen sulfide/P100	FM/AG/CD/HS		TC-14G-0282	0.05%	500	Formaldehyde, acid gas, chlorine dioxide and hydrogen sulfide	10067470*	10094316*
				0.50%	5000			
				0.10%	1000			

* Canister contains a P100 particulate filter (99.97% filter efficiency level) effective against all particulate aerosols.

Storage Cases for Chin-Type Gas Masks	
MSA STORAGE CASE IDENTIFICATION	P/N
Phosphine/ammonia/chlorine/P100	10075204
Organic vapor/P100	10075207
Hydrogen fluoride/chlorine/P100	10075205
Formaldehyde/acid gas/chlorine dioxide/ hydrogen sulfide/P100	10075206
Wall bracket	10071231

Belt-Mounted Gas Mask

The belt-mounted version of the Chin-Type Gas Mask allows wearers to mount the chin-style canister to the support belt, shifting canister weight to the hip for greater comfort. The belt-mounted version is also recommended for welding or grinding operations, since the canister can be positioned away from sparks or molten metal. An optional spark cover protects the canister from spark damage.



Accessories for Belted-Mounted Gas Mask	P/N
Belt clip	10068195
Breathing tube	10068129
PVC belt	473902
Web support belt, uncoated	9961
Polyurethane-coated nylon support belt	492827
Spark cover	10068152

Spectacle Kit

For use by workers who must wear corrective lenses, the spectacle kit can be easily inserted into the facepiece. The kit includes a wire support, rubber guide and one pair of metal-frame spectacles.



Spectacle Kits	P/N
Prescription Eyeglass Kit for Advantage 3100/4100 Facepiece (S-7 shape, 44 mm lens)	10029298
Prescription Eyeglass Kit for Ultravue Facepiece (S-7 shape, 44 mm lens)	454819
Prescription Eyeglass Kit for Ultra Elite Facepiece (S-7 shape, 48 mm lens)	804638

Note: This bulletin contains only a general description of the products shown. While uses and performance capabilities are described, under no circumstances shall the products be used by untrained or unqualified individuals and not until the product instructions including any warnings or cautions provided have been thoroughly read and understood. Only they contain the complete and detailed information concerning proper use and care of these products.



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Lens Covers

Lens covers for durability, shading and special applications are offered in your choice of smoke-tinted or clear to provide a convenient layer of scratch protection.



Cover Lens for Full Facepiece Respirators	Part No.
Advantage 3100/4100 clear lens covers (25/pkg.)	10031542
Advantage 3100/4100 smoke-tinted lens covers (25/pkg.)	10031543
Ultravue Facepiece clear lens covers (25/pkg.)	456975
Ultravue Facepiece smoke-tinted lens covers (25/pkg.)	480326
Ultra Elite Facepiece clear lens covers (25/pkg.)	491500
Ultra Elite Facepiece smoke-tinted lens covers (25/pkg.)	805456

Welder's Adapters for Advantage 4100, Ultravue and Ultra Elite Facepieces

Description	Part No.
Clip-On Welder's Adapter for Ultravue and Ultra Twin Facepiece; with cover lens, less filter plate	472859
Clip-On Welder's Adapter for Ultra Elite Facepiece; with cover lens, less filter plate	806482
Clip-On Welder's Adapter for Advantage 4100 Facepiece; with cover lens, less filter plate	10065326
Rayfoe Filter Plate, shade 10, heat treated, 4-1/2 x 5-1/4	38347
Rayfoe Filter Plate, shade 12, heat treated, 4-1/2 x 5-1/4	38277
Cover lens	696095
Welder's hood, Kevlar	486328

MSA Confidence Plus® Germicidal Cleaner

Mix with warm water for a germicidal cleaner that is effective against various microorganisms including immunodeficiency virus Type I (HIV-1) (associated with AIDS). EPA-approved for use on safety equipment.



Cleaning Accessories	Part No.
MSA Confidence Plus Germicidal Cleaner, in 32 oz. bottle	10009971