

MIRA® SAFETY

CM-101

FULL-FACE RESPIRATOR

General Purpose, Class-3 Respirator

The CM-101 Industrial Respirator is a ruggedized personal mask designed for industrial, marine, medical, agricultural, and chemical/pharmaceutical applications.

Featuring a state-of-the-art design with a one-piece visor/respirator cover, the CM-101 uses standard 40mm gas mask cartridges to protect the user from a wide range of toxins, chemicals, or hazardous byproducts on the job site.

Thanks to its unique design, the CM-101 contours to fit a wide range of face shapes and sizes while retaining a perfect seal and protecting the user. The CM-101 is a certified class 3 respirator, meaning it meets minimum standards for mechanical, heat, and flame resistance. End-user maintenance is minimal, with no tools required.

KEY FEATURES

- Designed to protect the user from gases, vapors, solids, and liquid particulates
- Compatible with any 40mm NATO standard filter for interchangeability
- Advanced valve design optimizes airflow and comfort
- Panoramic Class 1 (EN 166) visor with scratch-resistant finish for maximum field of view
- Highly adaptable to comfortably fit various face shapes
- 5-point adjustable head harness designed for maximum breathability and comfort
- Hypoallergenic oro-nasal cup minimizes fogging
- Available in 2 colors: Black and Olive Green
- Ballistic resistance (STANAG 2920)
- 10-year shelf life with a 1-year warranty for long-term usage
- Class 3 certified according to EN 136:1998 and European Regulation 2016/425

IMPORTANT NOTE: The CM-101 is designed for industrial/general use and is NOT a CBRN gas mask considering the face seal is not resistant to blister agents. This mask will work to block many CBRN agents when coupled with the appropriate filter, but considering the rubber, it is not intended to be a dedicated CBRN mask. Filters for the CM-101 are sold separately.

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- 5-point adjustable head harness
- Panoramic Class 1 (EN 166) visor
- Special scratch-resistant coated visor
- Hypoallergenic oro-nasal cup
- 40-mm NATO Threaded connector

SCAN HERE

FOR PRODUCT INFO

TECHNOLOGY FOR PROTECTION, UTILITY, AND COMFORT

STORAGE TEMPERATURE:

TEMPERATURE RANGE	HUMIDITY
-10°C TO 50° C (-10° F TO 122° F)	RELATIVE HUMIDITY < 80%

Hydration System Compatible
Canteen Included



TECHNICAL SPECIFICATIONS

WEIGHT	571g
SIZE	Medium
MATERIAL OF THE FACE PIECE	Thermoplastic rubber
VISOR	Complies with EN 136:2000
MATERIAL OF THE VISOR	Polycarbonate
FILTER CONNECTION THREAD	Rd 40 × 1/7”
INHALATION RESISTANCE	1.18 mbar (118 Pa)
EXHALATION RESISTANCE	0.92 mbar (92 Pa)

STORAGE

- The CM-101 Industrial Respirator must be stored in a dark, cool, and dust-free place free from sudden temperature changes. The storage room should be ventilated regularly. Temperatures may vary between 10°C and 50°C (-50°F to 122°F), with relative humidity up to 65%.
- Fuels, solvents, lubricants and other inflammable substances, including chemicals, must not be stored with masks. Moreover, there must not be any electrical machines or appliances that produce sparks or discharges during operation (ozone creation). Avoid deformation of the rubber parts of the face piece and internal CBRN gas mask during storage.

MAINTENANCE

- Wipe dry the inner sides of the face cover after each use. The face part must be completely dry prior placing in the bag (do not place in direct sunlight and close to heaters). A mask that was previously used shall be disinfected by wiping the interior with a 2% chloramines solution and let to dry before use by another person. After longer use we recommend to wash the mask with a solution of soap, soda, or detergent, rinse it with clean water, and let dry.
- Maintenance and cleaning shall be performed without the filter on. Do not clean the mask using organic solvents (benzene, toluene, etc.). If using the mask in dusty environment, always check that all the parts of the exhalation chamber are clean after use.

www.mirasafety.com support@mirasafety.com MIRA Safety 7301 N FM 620 STE 155 #259, Austin, TX 78726