



Cylinders for MSA Air Masks

Cylinders for MSA SCBA meet a wide range of applications, needs, and budgets

- › Choice of 8 cylinders, featuring carbon with lightest weight
- › High or low air pressure
- › 30-, 45-, or 60-minute air supply duration
- › Optional custom cylinder logos

Just because you have a heavy job doesn't mean you have to carry a heavy air cylinder on your back. MSA's lightest cylinders (carbon) are standard on all air masks, but you have other choices if budget or infrequent use is more important than weight.

Carbon Cylinders

MSA's carbon cylinders reduce cylinder weight by 6 to 10 pounds (over hoop-wound and aluminum cylinders) thanks to their lightweight, high-performance material (carbon fibers have a high strength-to-weight ratio). Available in both high- and low-pressure models, carbon cylinders incorporate the same proven technology found in earlier MSA fully-wound composites.

The seamless aluminum liner is continuously inspected as it is precision-formed in 6 steps; the neck is formed by a computer-controlled spinning process. The cylinder is wound thousands of times with high-strength carbon fibers impregnated with epoxy resin. A final over-wrap of fiberglass fibers enhances abrasion resistance. Then, a glow-in-the-dark luminescent band is applied for improved night visibility.

MSA
The Safety Company

MSA's self-manufactured, proven cylinder valve positions the valve hand wheel at a right angle to the valve stem for quick activation of SCBA air supply, even while users wear bulky gloves.

For high-pressure air masks, choose from 4 4500 high-pressure psig carbon cylinders:

High-Pressure Cylinders	NIOSH Service Life Rating
H-30 cylinder	30-minute-rated air supply cylinder for lighter weight maneuverability.
H-45 or H-45LP cylinder (low-profile)	45-minute air supply
H-60 cylinder	60-minute air supply

For low-pressure air masks, choose between two lower-pressure carbon cylinders:

Low-Pressure Cylinders	Pressure Contents
L-30 cylinder	30-minute rated, 2216 psig cylinder
L-30+ cylinder	30-minute rated, 3000 psig cylinder



Ordering Information

P/N	Cylinder Type	NIOSH Service Life Rating	Pressure	Weight (empty)
807586	L-30* carbon	30-minute	2216 psig	8 lb. 0 oz.
816115	L-30+* carbon	30-minute	3000 psig	9 lb. 8 oz.
807587	H-30* carbon	30-minute	4500 psig	7 lb. 4 oz.
807570	H-45* carbon	45-minute	4500 psig	9 lb. 7 oz.
10035644	H-45 low-profile* carbon	45-minute	4500 psig	9 lb. 10 oz.
807588	H-60* carbon	60-minute	4500 psig	11 lb. 12 oz.
469619	Fiberglass hoop-wound	30-minute	2216 psig	13 lb. 0 oz.
809872	Aluminum	30-minute	2216 psig	18 lb. 0 oz.

All weights shown are approximate. * These cylinders offer custom options.

Hoop-Wound & Aluminum Cylinders

Fiberglass Hoop-Wound Composite Cylinder

- › 30-minute, low-pressure cylinder with fiberglass wrap
- › Costs less than carbon cylinders
- › Weighs 3 to 5 pounds more than carbon cylinders

Aluminum Cylinders

- › 30-minute low-pressure all-aluminum cylinder
- › Costs less than carbon or hoop-wound cylinders
- › Weighs approximately 18 pounds
- › Well-suited to users who do not use an SCBA frequently
- › Offers an indefinite service life

Custom-Logoed Cylinders

For easy-to-read cylinder identification, MSA can place your department logo under the clear coat of any carbon cylinder. Choose one of three standard templates and customize the text, or provide your customized logo, such as a county seal.

The logo will be placed on either a white background or a luminescent band between the labels and cylinder valve, and repeated, evenly spaced around the cylinder.

Choose one of 3 emblems for a 1-color red OR black logo to be printed on the side of your new carbon cylinders. You can add the name of your department and city for fast visual identification of your department's property.

Any combination of MSA's popular carbon cylinders may be printed to meet the 50-cylinder minimum requirement. MSA's custom logo method is compliant with all applicable standards.

Custom cylinder ordering is easy and efficient at www.msafire.com/cylinders.

Or, to place your order, simply contact your local MSA authorized fire service distributor, or contact MSA Fire Customer Service at 1-877-MSA-FIRE.



Actual Size

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.



ID 0108-11-MC / Feb 2011

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