

# Cylinders for MSA Air Masks



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

- ➔ Choice of 8 cylinders, featuring carbon-wrapped with lightest weight
- ➔ High or low air pressure
- ➔ 30, 45, or 60 minutes' 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-wrapped) are standard on all Air Masks, but you have other choices if budget or infrequent use is more important than weight.

#### **Carbon-Wrapped Cylinders**

MSA's Carbon-Wrapped Cylinders reduce cylinder weight by 6 to 10 pounds (over hoop-wound and

aluminum cylinders), thanks to their lightweight, high-performance carbon-fiber outer wrap. (Carbon fibers have a high strength-to-weight ratio.) Available in both high- and low-pressure models, carbon-wrapped 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 six steps, and the

neck is formed by a computer-controlled spinning process. Then the cylinder is wound thousands of times with high-strength carbon fibers impregnated with epoxy resin. A final overwrap of fiberglass fibers enhances abrasion resistance. Then, a "glow-in-the-dark" luminescent band is applied for improved night visibility.

MSA's self-manufactured, proven cylinder valve positions the valve hand wheel at a right angle to the valve stem. You can quickly activate the SCBA air supply, even with bulky gloves.

*For high-pressure Air Masks, choose from four 4500 high-pressure psig Carbon-Wrapped Cylinders:*

- H-30 Cylinder = 30-minute-rated air supply and maximum maneuverability (good for confined-space rescue)
- H-45 or H-45LP (Low-Profile) = 45-minute air supply
- H-60 Cylinder = 60-minute air supply

*For low-pressure Air Masks, choose between two lower-pressure Carbon-Wrapped Cylinders:*

- L-30 Cylinder = a 2216 psig cylinder rated for 30 minutes
- L-30+ = a 30-minute-rated cylinder pressurized to 3000 psig

**Hoop-Wound & Aluminum Cylinders**  
*Fiberglass Hoop-Wound Composite Cylinder*

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

**Aluminum Cylinder**

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

**Custom Cylinder Logos**

For easy-to-read cylinder identification, MSA can place your department logo under the clear coat of any carbon-wrapped 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.

Custom cylinder ordering is easy and efficient at [www.MSAFire.com/cylinders](http://www.MSAFire.com/cylinders).



Cylinder type	NIOSH service life rating	Pressure	Weight (empty)	Part number
L-30* Carbon-Wrapped	30-minute	2216 psig	8 lb. 0 oz.	807586
L-30+* Carbon-Wrapped	30-minute	3000 psig	9 lb. 8 oz.	816115
H-30* Carbon-Wrapped	30-minute	4500 psig	7 lb. 4 oz.	807587
H-45* Carbon-Wrapped	45-minute	4500 psig	9 lb. 7 oz.	807570
H-45 Low-Profile* Carbon-Wrapped	45-minute	4500 psig	9 lb. 10 oz.	10035644
H-60* Carbon-Wrapped	60-minute	4500 psig	11 lb. 12 oz.	807588
Fiberglass Hoop-Wound	30-minute	2216 psig	13 lb. 0 oz.	469619
Aluminum	30-minute	2216 psig	18 lb. 0 oz.	809872



*All weights shown are approximate.  
\*These cylinders are capable of custom options.*

**To learn more about MSA's air cylinders, contact your MSA-Authorized Fire Service Distributor, or call us toll-free at 1-877-MSA-FIRE.**

**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.



**Corporate Headquarters**  
P.O. Box 426, Pittsburgh, PA 15230 USA  
Phone 412-967-3000  
[www.MSAnet.com](http://www.MSAnet.com)

**U.S. Customer Service Center**  
Phone 1-800-MSA-2222  
Fax 1-800-967-0398

**MSA Canada**  
Phone 416-620-4225  
Fax 416-620-9697

**MSA Mexico**  
Phone 52-55 21 22 5770  
Fax 52-55 5359 4330

**MSA International**  
Phone 412-967-3354  
FAX 412-967-3451

**Offices and representatives worldwide**  
For further information:

