



Aluminum Liner Carbon Fiber Composite Air Cylinder

FENAN SCBA and life support cylinders feature aluminum alloy liner with thin wall and full-wrapped composite material exterior with carbon fiber and glass fiber with are suitable for SCBA, oxygen respirator, fire extinguisher, medical aid and emergency, as well as for use in automobile, space industry, etc.

Carbon fiber cylinder Dimension

| | Outside Diameter(mm) |
|---------------|----------------------|
| Empty Bottles | 157 * 528 length |
| With Valve | 157 * 588 length |

Note: because of the winding technology, carbon fiber cylinder size is "about".

If you have any questions, please contact Fenan safety.



Carbon fiber cylinder Component

1-Aluminum liner

2- High performance carbon fiber orewrapping in epox resin matrix.

3-Protective glass fiber wrap in expxy yesinmatrix.

Aluminum liner Material grades and state: 6061-T6

Winding Material: T700 carbon fiber and epoxy resin layer

The nominal Weight: 3.8kg

Nominal Volume: 6.8 L (L,3L,4.7L,6.8L,9L,12L are available)



IMIS Co,

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| | |
|------------------|------------------|
| material | Carbon fiber |
| using year | 15 years |
| working Pressure | 200-300Bar |
| filling medium | Air |
| air volume | 1835L |
| thread size | M18*1.5 |
| Certificate | CE, ISO Approved |



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