



SinoCleansky  
Super Cylinder Supply

## Fully Wrapped Carbon Fiber Reinforced Aluminum Lined Composite Cylinder

### Products Introduction:

SinoCleansky composite cylinders are made by aluminum liner fully wrapped with carbon fiber, which are ideally suited for use as firefighter's self contained breathing apparatus (SCBA), paintball guns, home oxygen therapy, aircraft oxygen and inflatable escape, and other applications that require light weight, high pressure gas storage.



### Products features:

- **Materials:** carbon fiber and AA 6061
- **Light weight:** weight reduce 70% than steel gas cylinder
- **High pressure:** 300bar, 4500psi
- **Corrosion resistance**

### Products classification:

- ◆ **SCBA (Self-contained breathing apparatus) composite cylinder**
- ◆ **Medical composite cylinders for oxygen therapy**
- ◆ **Composite paintball cylinders**

### Products introduction:

- ◆ **SCBA (Self-contained breathing apparatus) composite cylinder**

Manufacturing Standard: EN12245, DOT and GB28053.

Specs: Outside diameter: 109mm, 139mm, 157mm, etc.

Water capacity: 2.0L-12L

Working pressure: 300bar, 4500psi

Typical size: 2L, 3L, 4.7L, 6.8L, 9L and 12L.





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### ► Typical Types for SCBA cylinders

Standard	Type
EN12245	EN2.0L-30MPA
EN12245	EN4.7L-30MPA
EN12245	EN6.8L-30MPA
EN12245	EN9.0L-30MPA
DOT	DOT4.7L-31MPA-4500PSI
DOT	DOT6.8L-31MPA-4500PSI
DOT	DOT9.0L-31MPA-4500PSI
GB28053	6.8L-30MPA
GB28053	9L-30MPA
GB28053	12L-30MPA



### ◆ Medical composite cylinders for oxygen therapy

Manufacturing Standard: EN12245, TPED and DOT.

Specs: Outside diameter: 109mm, 139mm, 157mm, etc.

Water capacity: 1.1L-12L

Working pressure: 300bar

Typical size: 1.1L 2L, 3L, 4.7L, 6.8L, 9L.



### ◆ Composite paintball cylinders

Manufacturing Standard: EN12245, TPED and DOT.

Specs: Outside diameter: 61.4mm, 110mm, etc.

Water capacity: 0.45L-2L

Working pressure: 300bar

Typical size: 0.45L, 0.6L, 0.78L, 1.1L, 2L.



**Shipment:**



SinoCleansky is assuring you with guaranteed delivery, approved quality service:

- Cylinder thread is produced according to client's requests.
- We not only supply the carbon fiber cylinder and we also can supply the complete SCBA set as per client's requests.
- We also can integrate the valve and regulator to couple with cylinder under client's requirements.

Tel: +86-10-53276675 E-mail: sales@sinoCleansky.com

Beijing SinoCleansky Technologies Corp.