

ULTRA-LIGHT COMPOSITE CYLINDERS

The Interspiro Ultra-Light Composite Cylinders comes in volume 6.8 Liter or 9.0 Liter with an unlimited service life (also known as "NLL" – Non-Limited Life).

Several options of cylinder valves ensures a perfect fit with operational requirements.

The Interspiro composite cylinders provide low weight and reliable construction.



TECHNICAL DATA

Fully wrapped composite cylinders for fire breathing apparatus.

Volume	Service Pressure	Diameter	Lenght	Weight	Thread Size	Service Life
6.8 L	300 bar	164 mm	522 mm	2.9 kg	M18 x 1.5	Unlimited / NLL (Non-Limited Life)
9.0 L	300 bar	184 mm	545 mm	3.9 kg	M18 x 1.5	Unlimited / NLL (Non-Limited Life)

The dimensions and weights in the table are for empty cylinder without cylinder valve.

MATERIALS

Liner:	Pet liner (blown thermoplastic polyester)
Reinforcement material:	Carbon fiber
Resin:	Epoxy

STANDARDS

EN 12245

PERFORMANCE

Service pressure:	300 bar
Test pressure:	450 bar
Medium:	Compressed breathing air (EN12021)

CONNECTION

Cylinder neck thread M18 x 1.5

Part No.	Description
33711-01	6.8L with in-line valvew
33711-02	6.8L with 90° valve, EFV, ratchet
33711-03	6.8L with 90° valve, EFV, ratchet, gauge
33711-04	6.8L with 180° valve, EFV, ratchet, gauge
33711-05	6.8L with in-line valve K44, EFV
33711-06	6.8L with 180° valve, EFV, ratchet
33712-01	9.0L with in-line valve
33712-02	9.0L with 90° valve, EFV, ratchet
33712-03	9.0L with 90° valve, EFV, ratchet, gauge
33712-04	9.0L with 180° valve, EFV, ratchet, gauge
33712-05	9.0L with in-line valve K44, EFV
33712-06	9.0L with 180° valve, EFV, ratchet