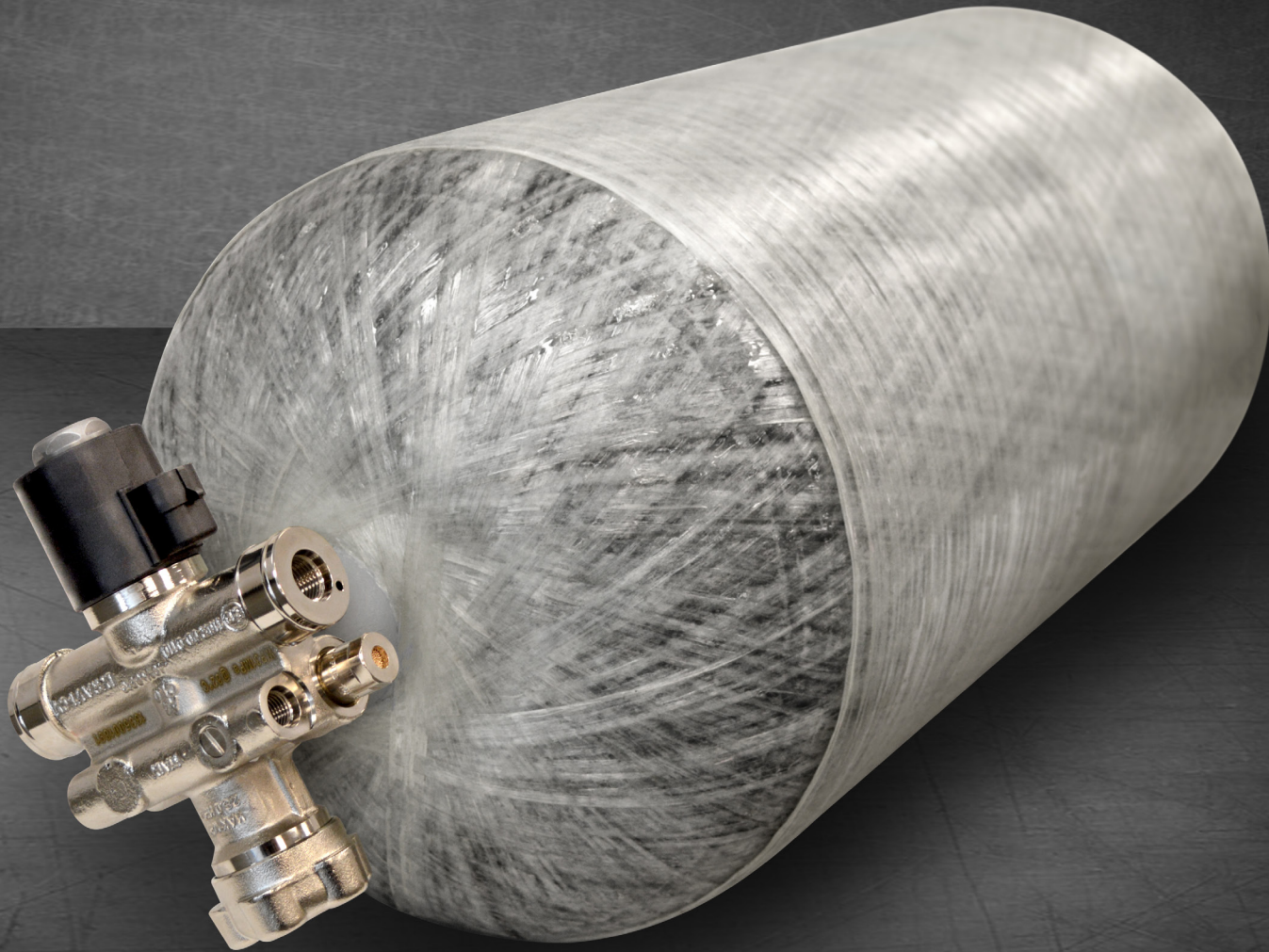


CNG CYLINDER

3,600 PSI (250 BAR)



SUPERIOR STORAGE

Most complete fast-fill and negligible permeation



SAFE

Begin leak-before-burst feature eliminates the possibility of catastrophic failure during operation

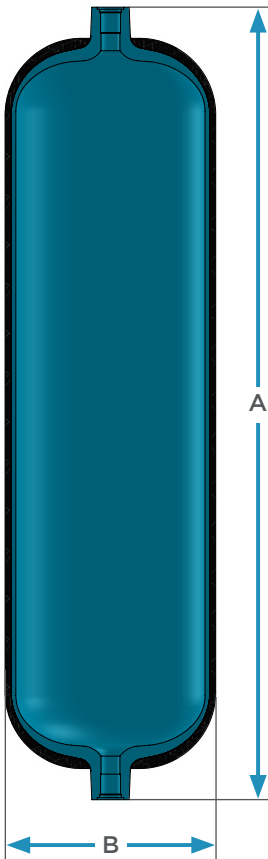


HIGH CYCLE LIFE

Fill and empty repeatedly with no concern of liner collapse

CNG CYLINDER

3,600 PSI (250 BAR)



Steelhead Composites' lightweight 11 inches. (280 mm) diameter 3,600 psi (250 bar) CNG cylinders ranging in water volume of 30 Liters to 140 Liters. These CNG cylinders are aluminum lined fully overwrapped composite pressure vessels with 1-1/8 inches. (28.6 mm) diameter port opening on each end. One port of the CNG cylinder is fitted with a solenoid valve that integrates a thermally activated pressure relief device. Because of their construction using seamless aluminum liners, Steelhead Composites' CNG cylinders can be counted on for being safe, gas-tight, robust, and tough against impact and abuse.

SPECIFICATIONS

- Type 3 Pressure Vessel
- Maximum Operating Pressure: 3,600 psi (250 bar)
- Minimum Burst Pressure: 9,000 psi (620 bar)
- Port Opening: 1-1/8 in (28.6 mm) diameter port on each end
- Safety: Benign leak-before-burst avoids catastrophic failure
- Certified and manufactured to NGV 2-2007 and DOT FMUSS 304 standards
- Liner: Seamless, impermeable 6061-T6 Aluminum
- Structural Shell: Carbon fiber and epoxy composite
- Protective Barrier: Glass fiber and epoxy composite
- Life: 20 years of service life
- High thermal conductivity of Aluminum liner achieves a better fill capacity under fast-fill conditions
- Corrosion Resistant: Not prone to rusting like steel

INTERNAL WATER VOLUME LITERS	EQUIVALENT GGE	DIMENSION A IN (MM)	DIMENSION B IN (MM)	WEIGHT LBS (KGS)
30	2	34 (864)	11 (280)	42 (19)
45	3	42 (1067)	11 (280)	52 (24)
60	4	56 (1422)	11 (280)	69 (31)
80	6	72 (1829)	11 (280)	88 (40)
100	7	85 (2159)	11 (280)	103 (47)
120	9	103 (2616)	11 (280)	126 (57)

*Custom volumes available upon request.

Visit www.steelheadcomposites.com/about/lunch-learn/ to request a lunch and learn

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