



Type II ASME Steel-Lined Composite Pressure Vessel

- Design pressure ratings up to 15,000 psi (1,000 bar)
- Significant payload improvements
- Lowest cost per cubic foot of storage volume
- Fastest and most efficient trans-filling for hydrogen
- 20-year life compared to alternative products' 15-year life
- Full range of storage capacities to suit your requirements
- Assemblies customized to meet customer specification and site conditions
- Easy to blend with lower pressure, higher volume tubes
- National Board registered

Exceeding the standards in ultra-high pressure gas containment.

Since 1958, FIBA Technologies, Inc. (FIBA), with multiple plants across the U.S.A., has served companies manufacturing, storing, and transporting high-pressure hydrogen gas. FIBA is a leader and innovator involved with the manufacturing and installation of alternative fuel systems for more than 30 years. Our gas containment products are manufactured for both mobile and stationary applications. Operating a state-of-the-art facility to manufacture seamless,

integrally forged pressure vessels, including DOT, ISO, UN, and ASME specification, FIBA now offers a steel-lined, carbon, hoop-wrapped vessel (Type 2). This vessel was designed exclusively for the hydrogen fueling market with design pressures up to 1,000 bar and capacities up to 721 liters. FIBA continues to offer and develop the finest quality products and services for its customers.

HYDROGEN - Design Pressure 15,000 PSI (Operating 13,500 PSI); 16 In. O.D.

LENGTH		VESSEL WEIGHT		WATER VOLUME		HYDROGEN WEIGHT		HYDROGEN PAYLOAD	
FEET	METERS	POUNDS	KILOGRAMS	CUBIC FEET	LITERS	POUNDS	KILOGRAMS	STANDARD CUBIC FEET	NORMAL CUBIC METERS
7.0	2.1	1,758	797	5.24	148	16	7	2,997	79
9.5	2.9	2,385	1,082	7.53	213	22	10	4,307	113
14.5	4.4	3,640	1,651	12.11	343	36	16	6,927	182
29.0	8.8	7,279	3,302	25.46	721	76	34	14,523	382

