



Features and Benefits



Cost effective

Delivers lowest total cost of ownership in the industry



Lightweight

Move gas, not steel. Type 4 composite cylinders are 75% lighter compared to steel. Less than 80,000 GVW allows for operation in all 50 states



Sustainability

Optimum capacity results in reduced number of trips and decreased carbon footprint



Long distance transportation

Move more than 200% helium versus a comparable steel tube trailer



Serviceability

Largest composite cylinders in the world minimize plumbing connections. Easy access for service and inspection



Safe

More than 700,000 cylinders manufactured for the transportation industry, including 1,700 gas transport modules delivered to customers



Specifications

		TITAN 4®	TITAN 53®	SMARTSTORE®
Cylinder system approval		DOT / ABS/ Transport Canada		
Hydraulic capacity (approximate)	g (l)	8,995 (34,048)	12,190 (46,144)	5,532 (20,941)
Nominal transport capacity 60°F (15°C)	SCF (m³)	265,864 (7,528)	360,316 (10,203)	165,518 (4,630)
Container dimensions length x width x height	ft (m)	40 x 8 x 8 (12.2 x 2.44 x 2.44)	53 x 8 x 8.5 (16.15 x 2.44 x 2.59)	20 x 8.5 x 9.5 (6.1 x 2.6 x 2.9)
Tare weight container (approximate)	lb (kg)	33,700 (15,286)	32,350 (14,674)	15,700 (7,121)
Gas weight Helium 0.0101 lb/SCF or 0.016 kg/m³	lb (kg)	2,808 (1,274)	3,806 (1,726)	1,727 (783)
Gross module weight (incl. gas)	lb (kg)	36,508 (16,560)	36,156 (16,400)	17,427 (9,904)
Quantity of cylinders	pcs	4 x 8,512	4 x 11,536	12
Operating pressure 60°F (15°C)	PSI (bar)	3600 (250)		3,626 (250)
Max operating pressure 149°F (65°C)	PSI (bar)	4500 (310)		4,500 (310)
Operating temperature	°F (°C)	-40 to 149 (-40 to 65)		-40 - 180 (-40 - 82)
Gas temperature	°F (°C)	-70 to 180 (-57 to 82)		-70 - 180 (-57 - 82)
Allowed transportation modes		Rail, marine and truck		