

HYDROGEN STORAGE SOLUTIONS

Strong and affordable storage solutions with long cycle life in extreme conditions, including hydrogen embrittlement.



GET IN TOUCH
+1 276 644 9120

“A better way to store energy”

Certified

Finite Element Analysis has been confirmed by an independent firm to verify all design fulfill ASME requirements.

1

HS700 700 Bar

765 L	OD = 440 mm
MOP = 700 bar	L = 8.5 m
MAWP = 1000 bar	H2 Capacity = 30kg
Weight = 3,760kg	

2

HS500 500 Bar

1500 L	OD = 550 mm
MOP = 500 bar	L = 8.0 m
MAWP = 650 bar	H2 Capacity = 40kg
Weight = 4,572kg	

3

HS350 350 Bar

1750 L	OD = 658 mm
MOP = 350 bar	L = 8.0 m
MAWP = 500 bar	H2 Capacity = 45kg
Weight = 4,600kg	

About Us

Since 2010, WireTough has designed, patented, and produce the only Type II-s cylinder in the world for CNG, RNG and hydrogen storage.

- Patented technology and manufacturing processes that have been used in multiple applications.
- Leadership and industry expertise spanning from research, development of testing standards, engineering and manufacturing.

What Does that Mean?

High pressure hydrogen storage consisting of a steel liner and a steel wire jacket made from ultra-high strength (>2 GPa) automotive tire chord quality steel wires.

- Lower cost than a standard Type II
- Greater resistance to impact and temperature change
- No degradation issues near the jacket/liner interface