

PRESSURMAXX

The State of the Art in High Performance Pressure Vessels



A 25" diameter high-pressure tank, 60" long, all composite liner-less for liquid cryogenics.

PRESSURMAXX vessels are a significant technological breakthrough in high-performance composite tank production.

FEATURES

- Patented all-composite, graphite fiber and resin technology
- Unmatched weight-to-pressure performance ratio
- Cryogenic or hot gas applications
- Liquid oxygen compatible
- Qualified for unmanned flight systems
- Seamless and liner-less construction
- Factor of safety in design meets up to 4.0 MEOP
- Several form factors to choose from
- Integrated mating bosses to meet your integration needs
- Low expansion ratio
- Submersible





APPLICATIONS

- Cryogenic fluid containment
- Pressurized propellant systems
- Launch vehicle tankage
- CNG tankage
- Aircraft cooling systems
- Mobile tankage systems
- Industrial manufacturing

LIGHT — STRONG — COMPATIBLE WITH A WIDE RANGE OF CRYOGENS

Standard Size Examples

PRESSURMAXX Composite Tank Specifications								
Diameter (in)	Length (in)	Capacity (cubic ft)	Weight (lbs)	Temperature Rating (deg F)	Operating Pressure (psi)	Burst Pressure (psi)	Transverse Thermal Conductivity (Watt/Meter-K)	LOX Compatibility (lb/ft)
10	16	0.7	8	-320 to +250	550	3000	1.3	>20
25	59	14.5	82	-320 to +250	550	2200	1.3	>20
42	136	97.5	450	-320 to +250	550	2125	1.3	>20
53	170	196	720	-320 to +250	550	1750	1.3	>20

We will design and build a PRESSURMAXX tank that meets your specifications.



POINT OF CONTACT

For technical details and quote, please contact:
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