



## CFRP Pressure Vessels

We use our expertise in filament wet winding and innovative ability to manufacture high strength, lightweight pressure vessels.

pronexos



### Custom solutions are our strength

With 50 years of experience in designing, engineering and manufacturing of complex **Carbon Fibre Reinforced Products (CFRP)**, our specialized capabilities let us develop custom made pressure vessels for customers in the Aerospace Industry or other sectors requiring high quality technical storage solutions.

At Pronexos, we produce pressure vessels by using filament wet winding of carbon fibre and braiding to ensure high strength and light weight pressure vessels.

### Key benefits

- > 20% less weight compared to standard liner Type III vessels
- Much lighter than Type III pressure vessels with high end liners
- Up to 100.000 load cycles

### Specifications

Dimension (diameter x length)	150–800 mm 300–4000 mm 600–5500 mm
Capacity (min. – max.)	7–1000 L
Maximum expected operating pressure (MEOP)	250–1000 bar
Minimum operating temperature	-100°C
Maximum operating temperature	110°C
Applicable gases (examples)	He, O2, N2

For further information  
please visit our website:  
[www.pronexos.com](http://www.pronexos.com)

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