

300L HELIUM TANK (MPCV)

HIGH PRESSURE TANKS PRODUCT LINE

- > 108L Helium Tank (VEGA)
- > **300L Helium Tank (MPCV)**
- > Thermoplastic Liner Tank

Can be used for both applications, satellite or launcher.



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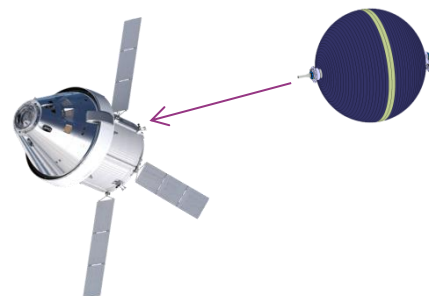
Application: Satellites & Launchers

ArianeGroup has developed and is qualifying a 300 Liters high pressure tank for MPCV (Multiple Purpose Crew Vehicule). This pressurant tank can also be used on launchers.

Characteristics	
Volume	300 Liters
MEOP	Bar 400 Safety factor 2
Burst pressure	> 800 bar
Mass	81 kg (without fixations)
External Diameter	865 mm

Our product:

- > **Helium** Storage 300 L
- > Developed from **Ariane 5** tank for ATV
- > **Polar** Mounting
- > **Manned flight** qualified (NASA)
- > **ATV** : Flight Proven : (20 Tanks delivered)
- > **MPCV** : Under Qualification (flight planed in 2019)



Our activities are environmentally-friendly

A UNIQUE EXPERTISE TO SERVE OUR CUSTOMER NEEDS

- > Customized solutions : gas, size, MEOP and interface
- > Optimized for customers needs : mass, cost, safety and reliability
- > ArianeGroup delivered more than 900 tanks without any failure

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