

PTD-222

MON-compatible Tank – COTS with delta Qual



Delta Qualification  
needed

**Heritage**

**Fluids** MON

**Pressurant Gas**

**Propellant Management** Diaphragm

**Materials** **Shell** Ti-6Al-4V

**Tube** Ti-3Al-2.5V

**Diaphragm**

**Mounting interface** polar

**Total Volume** 221,0 – 222,8 l 13.486 – 13.596 in<sup>3</sup>

**Propellant Mass** 164 / 184 kg max. 361,6 / 405,7 lbs

**Temperature Range** +4 / +50 °C +39,2 / +122 °F

**Tank Dry Mass** 17,08 ± 0,2 kg 37,6 ± 0,4 lbs

**Diameter** 607,75 ± 2 mm 23,93 ± 0,08 in

**Length** 1.027,35 / 1.022,35 mm 40,45 / 40,25 in

**MEOP\*** 24,5 bar 355 psi

**Proof pressure** (x 1,50) 36,8 bar 533 psi

**Burst pressure** (x 2,00) 49,0 bar 711 psi

**Rupture pressure tested** bar psi

\* Maximum Expected Operating Pressure

