

PROPELLANT TANK FOR SPINSTABILIZED SPACECRAFT T 11/0

Propellant Tank for spinstabilized Spacecraft T 11/0

Tank Net Volume	218 Litres
Propellants	MON respectively MMH
Pressurant Gas	Helium (He) or Nitrogen (N ₂)
Geometrical Shape	Spherical
Maximum Expected Operating Pressure (MEOP)	22.0 bar
Proof Pressure (1.25 x MEOP)	27.5 bar
Burst Pressure (1.5 x MEOP)	33.0 bar
The Tank may be equipped with an add-on Propellant Gauging Sensor	
Interface Fixation	3 Suspension Tabs for Equatorial Load Introduction
Materials	
- Pressure Vessel	Ti6Al4V STA (3.7164.7)
- Suspension / Ports	Ti6Al4V (3.7164.1)
Tank Mass	11 kg
Project Involvement	MSG (Meteosat Second Generation)



Tank Interface Drawing

