

Factsheet 40ft PED, 500 bar

TYPE 4 PRESSURE VESSEL SPECIFICATION

NPROXX manufactures high-strength, lightweight composite Type 4 pressure vessels for use in automotive and other industries. Our cutting edge technology, series manufacturing and experience spans 40 years and we are ideally placed to produce large quantities of customised, market ready product.

Dimension (L x W x H)	12,192 x 2,550 x 2,750mm
Certification Storage System	PED with CE Certificate
Usable Storage Capacity (working pressure min-max, 15°C)	1,292kg H ₂
Volume	42,840 Litre
Weight (empty)	Appr. 20,000kg
Material Container	Galvanised steel
Housing Sides	Tarpaulin with customized digital printing, (PVC 760 g/m ² , B1)
Top Side	Open (not walkable)
Bottom Cover	Galvanized steel support plates for mounting pressure cylinders
Mounting Position PC	Vertical
Delivery Condition	6 bar nitrogen filling
Design Pressure	550 bar
Approved Temperature Range	-40 - +85 °C
Maximum Loadcycle (min-max-min)	10,000
Lifetime	20 years

