

Automotive Hydrogen Tank

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.

AH350-70-4

Length (pressure vessel without valve)	1,670mm
Outer diameter at 700 bar	352mm
Water volume at 700 bar	105 Litre
Weight (empty) incl. drop protection	66.4kg
Nominal working pressure at 15°C	700 bar
Maximum filling pressure at 15°C	875 bar
Operational temperature range	-40°C to +85°C
Permitted gas	Compressed hydrogen (UN1049)
H ₂ capacity at 700 bar at 15°C	4.2kg
Usable H ₂ capacity 20 to 700 bar at 15°C	4.1kg
Specific storage density	6.4%
Liner	Blow-moulded Polyamide
Licence	UN ECE R134

