

Heavy Duty Hydrogen Tank

TYPE 4 PRESSURE VESSEL SPECIFICATION

NPROXX manufactures high-strength, lightweight composite Type 4 pressure vessels for use in busses, trucks and other heavy duty vehicles. 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.

AH500-35

Length (pressure vessel without valve)	2,360mm
Outer diameter at 350 bar at service pressure	500mm
Water volume at service pressure	350 Litre
Weight (empty)	101kg
Nominal working pressure at 15°C	350 bar
Maximum working pressure at 85°C	437.5 bar
Operational temperature range	-40°C to +85°C
Permitted gas	Hydrogen
Usable H ₂ capacity	8.1kg
Specific storage density	8.0%
Liner	High-density Polyethylene (HDPE)
Standard	EC 79

