



HDPE Water Tank Vertical 3 Layer White/Army 400 USG

PRODUCT TECHNICAL DATASHEET
Rev. OP/20/002

General Information

Product Description:

These specifications define the minimum requisites adopted by Oman Polycon LLC in the design, manufacturing, inspection, checking, testing and preparation for shipping of Tanks in High Density Polyethylene (HDPE) Vertical Water Tank.

We supply HDPE Tanks designed as per the local regulatory requirements. Our water tanks are easy to carry. Especially since we are very careful with each type of tank that we are using throughout the process. It is manufactured with fine raw material substances, made from high-quality UV-stabilized virgin polyethylene material, and a carefully engineered design that ensures complete watertightness. This prevents any leakage of stored liquids into the surrounding soil, protecting the environment and maintaining the integrity of the stored substances.

Oman Polycon operates by internal procedures, conforming to the EN ISO 9001:2015 norm.



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Product Features:

Product Name:	High-Density Polyethylene (HDPE) Vertical Water Tank 400 USG
Carrier Resin:	WRAS Approved Raw Material-HDPE
Application:	Storage of portable water
Capacity:	400 USG
Size:	Ø 1220 mm, Height- 1450 mm
Product Compliance:	GSO 1831-2007
Gross Weight:	33 Kg
Foundation Type Required:	Firm flat and horizontal surface
Tank Fittings:	Compliance with BS6920
Design:	GSO 1831-2007
Construction Details:	3 Layers
Color:	White and Army

Technical Data:

Tensile Strength:	23 N/mm ²
Tensile Modulus:	63 N/mm ²
Stress at Yield:	21 N/mm ²
Flexural Strength:	42 N/mm ²
Impact Resistance:	IK10
Heat fastness:	Max upto 300°C
Moisture Content:	<0.14 %

Warranty Terms:

Oman Polycon LLC provides a consistent assurance that all of its products are meticulously crafted to comply with the precise requirements and rigorous standards detailed in our official publications. Our commitment to quality ensures that every item meets or exceeds industry benchmarks, reflecting our dedication to excellence in manufacturing and customer satisfaction.



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