

PRODUCT DATA SHEET

October, 2002

630 GALLON POLY TANK

GENERAL INFORMATION

Poly tanks are manufactured by Poly Processing Company. They are not to be used for food applications. Potable water applications are generally not acceptable and must be reviewed by the Corporate office first for approval.

WEIGHTS AND MEASURES

➤ Capacity:	.....	630 gallons (nominal)
➤ Height:	.....	5'-3" (with saddle skid)
➤ Diameter:	.....	4'-0" (nominal)
➤ Weight:	.....	600 lbs. (with saddle) 180 lbs. (tank only)

STRUCTURAL DESIGN

➤ Tank Material:	.....	Cross-linked polyethylene
➤ Tensile Strength:	.....	2600 psi (at yield)
➤ Design Press:	.....	0 psi – not a pressure vessel
➤ Design Vacuum:	.....	0 psi – not a vacuum container

RESTRICTIONS

➤ Sulfuric Acid Storage:	<ul style="list-style-type: none"> • 80% concentration maximum • Previously repaired tank cannot be used (equipment number should have "W" at end) • 100° F maximum temperature • Top fill only • Top manway must be open during pneumatic filling of tank • Use flexible plumbing fixtures resistant to sulfuric acid
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ACCESSORIES

➤ Top Fill:	4" hatch
➤ Top Lid:	10" diameter full turn screw-on lid
➤ Valve:	2" PVC ball valve
➤ Piping Connections:	.....	2" 304 stainless steel
➤ P/V Valve:	.....	Varies – some are equipped, some aren't

MISCELLANEOUS

➤ Color:	.....	Black (there are a few in the fleet that are Amber)
➤ Temp. Limit:	.....	150°F
➤ Specific Gravity Limit:	.....	1.65
➤ Certification:	.....	ASTM D1998 (not UL listed)
➤ Decals:	2-DCLB: Property of Baker Tanks.... 2-DCLD02: Danger Do Not Enter... 2-DCLW01: Warning – This container 1-DCLW05: Warning – Do not alter.... <u>Note:</u> Poly tanks repaired due to leaks are derated for water use only. "W" is added to end of equipment number, and Decal DCLW12 ("Water Service Only") is applied to tank.

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