

# FEATURES

**Type of material:** the Flex-Alvatank is made of ultra-flexible membrane, 1.3 mm thick polyethylene. It has a valve on the front with a screw and key (open/close) . On top it has a double threaded socket outlet in diameter of 32 mm or 63 mm. The corners are reinforced with polyethylene plates .

FEATURES OF POLYETHYLENE			
TEST	UNIT	RESULT	TEST METHOD
Thickness	mm	1.3	UNE EN ISO 1849-2
Break Strength	MPa (KN/m)	33 (49,5)	UNE EN ISO 527-3
Break Elongation	%	730	
Puncture Resistant	kN	2,5	UNE-EN ISO 12236
Tear Resistant	N	130	UNE-ISO 34-1
Standard OIT (200°C, O <sub>2</sub> , 1 atm)	Min	100	UNE-EN 728
Global Migration - Ethanol 20%	mg/dm <sup>2</sup>	< 1.0	UNE EN 1186-3
Global Migration – Acetic Acid 3%	mg/dm <sup>2</sup>	< 1.0	

FEATURES OF FLEX-ALVATANK		
Capability	m <sup>3</sup>	From 1 m <sup>3</sup> up to 500 m <sup>3</sup>
Measures unfolded	m	From 1,7 x 1,8 m up to 14,2 x 29 m
Top Valve (filling and breathing)		Screw bridle with double connection (included)
Front Valve (out put - empty)		Screw bridle with key open/close plus screw (included)
Maximum Load Pressure	KPa (Kgf/m <sup>2</sup> )	50,0 (5.100,0)

