

BPS FlexiTANK TECHNICAL SPECIFICATIONS

The BPS multilayer flexitank is composed of four layers PE plus one outer layer PP. This high tensile and multi-ply flexitank is suitable for foodstuffs, pharmaceuticals, non-hazardous chemicals or industrial products shipped in bulk.

POLYETHYLENE (PE)	
Tensile Strength at Break (MPa)	≥32(V) ≥32(H)
Elongation at Break (%)	≥550(V) ≥550(H)
Tearing strength (N)	≥90(V) ≥90(H)
Impact-resistance strength (G)	≥1200
Thickness layer	0.125mm
WOVEN POLYPROPYLENE (PP)	
Tensile Strength (N)	≥1600(VD) ≥1800(HD)
Sawing Part tearing Strength (N)	≥1000
Elongation at Break (%)	≤25(VD) ≤25(HD) (25%-15%)
EVOH FILM	
Oxygen Transmission Rate	0.43cm ³ /(m ² ·24h·0.1MPa)
Structure	PE/PE/TIE/EVOH/TIE/PE/PE
Size	2100m*800mm*70um
FLEXITANK	
Minimum Temperature	-20°C
Maximum Temperature	80°C
Loading Temperature	-20°C - 65°C

FOOD GRADE VALVE		
Description	3" Ball Valve	3" Butterfly Valve
Valve Material	Polypropylene	Polypropylene & Steel
Valve Pressure	≥0.5MPa	≥0.5MPa
Securing Locking System	Threaded self-locking Plug and Securing Cap	Threaded self-locking Plug and Securing Cap

HEATING PADS	
Material	Caoutchouc + Steel
Inside & outside diameter	7mm & 10mm
Inlet & Outlet hose	Reinforced Rubber 25mm
Heat Source	Steam
Working Pressure	< 0.4 Mpa
Temperature Range	< 130°C
Layout Dimension	5.1 m X 2.15m
Weight	20.7KGS
Outer Packing Dimension	2.16*0.32*0.14(m)

Every component material is manufactured to ISO 9001-2008 standards, complies with the FDA and EU regulations and meets all the Container Owner Association Testing Criteria.

