



BPS FLEXITANKS

CERTIFICATE OF ANALYSIS

BPS Flexitanks are made from the highest quality materials and advanced manufacturing technologies, utilizing proprietary processes and designs. Our factory is ISO 9001-2015 approved and our flexitanks are accepted by all shipping lines globally. The inner and outer layer of polyethylene film are US- FDA approved, kosher approved, HACCP, ISO 22000 and so on.

Test method is per ISO and ASTM criteria :

INNER FILM DESCRIPTION	TYPICAL CHARACTERISTICS
Four -ply Co-extrusion Polyethylene Layer	125 micron each ply
Total weight	Approx 50KGS
Tensile strength: MD(ASTM D638 IV at 50mm)	≥35Mpa
Tensile strength: TD(ASTM D638 IV at 50mm)	≥35Mpa
Tear Resistance: MD(ASTM D1004)	≥15NT/MM
Tear Resistance: TD(ASTM D1004)	≥N/A
Puncture Resistance: (ASTM D4833)	≥1800g
Elongation MD(ASTM D683 IV at 50mm)	≥745%
Elongation TD(ASTM D683 IV at 50mm)	≥745%
Oxygen Transfer-(ASTM D-3985)	Less than 1 cc/100sq.in/day
Moisture Transfer (perms)(ASTM F-1249)	0.3g/M ² /day
Temperature bearing	-20 centigrade to80 centigrade available

CERTIFICATIONS

BPS FLEXItank meets the standards of EC, US FDA and Kosher Certificates.

Field of Application

Single use for foodstuff, non-hazardous pharmaceutical, chemical and industrial liquid.

CONTINUOUS FILAMENT WOVEN POLYPROPYLENE	
Weight	180/ Gr/m2
Yarn Count: TD(DIN 53864)	1800Dennier
Yarn Count: MD(DIN 53864)	2000 Dennier
Tensile Strength: TD(DIN 53857)	190 DAN/5CM
Tensile Strength: MD(DIN 53857)	200 DAN/5CM
Elongation at Break: TD(DIN 53857)	18%
Elongation at Break: MD(DIN 53857)	14%

Connection Specifications:

Valve Type: 3 inches valve , highly Safe design by using a Ball valve fixed strongly on pp flange that effectively protect the pp woven outside of flexibag, which can avoid any leakage in valve.

Polypropylene: High-quality natural material, without plus and easy for recyclable
We hereby to announce that typical values refer to results obtained in our laboratory during quality control of random production samples.