

PIPEWEIGHTS is a polypropylene woven geotextile bag designed as a buoyancy control feature in the pipeline industry. PIPEWEIGHTS has tested as the strongest and most durable on the market. It is tested against degradation of basic and acid soils to ensure the bag stays intact long after it is placed in the ground. PIPEWEIGHTS meet the following minimum average roll values (MARV):

PROPERTY	TEST METHOD	ENGLISH	METRIC
Physical			
Major Composition	Analyzed by FTIR Sample technique: hot-pressed film	Polypropylene	
Mass/Unit Area	ASTM D 5261	10 oz/yd ²	350 g/m
Mechanical			
Wide Width Ultimate Strength	ASTM D 4595	7200 x 5600 lb/ft	105 x 81.7 kN/m
Wide Width Tensile Strength @ 10% Strain	ASTM D 4595	2600 x 3600 lb/ft	42.3 x 52.5 kN/m
Grab Tensile Strength	ASTM D 4632	1000 x 750 lb/ft	4.4 x 3.3 kN/m
CBR Puncture Strength (Resistance)	ASTM D 6241	2400 lbs	10.7 kN
Trapezoidal Tear	ASTM D 4533	350 x 325 lbs	1.56 x 1.45 kN
Endurance			
Tensile Strength after 10% HCl	ASTM D 4595-09	6318 x 5976 lb/ft	92.5 x 87.5 kN/m
Tensile strength after 10% NaOH	ASTM D 4595-09	6331 x 5928 lb/ft	92.7 x 86.8 kN/m
UV Resistance	ASTM D 4355	80%	
Hydraulic			
Apparent Opening Size	ASTM D 4751	200 US Std. Sieve	0.075 mm
Permittivity	ASTM D 4491	0.070 Sec ⁻¹	
Water Flow Rate	ASTM D 4491	4.9 GPM/ft ²	199.7 LPM/m ²