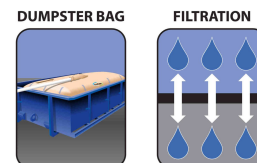




US 450T EcoTube Dumpster

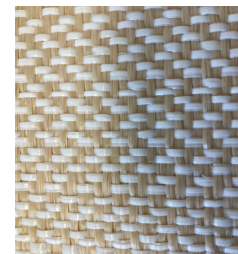
Dumpster Bags



US 450T is a woven geotextile made of 100% polypropylene yarns. This product has high tensile strength and modulus and is used for woven reinforcement and in manufacturing geotextile sludge dewatering tubes. US 450T meets the following M.A.R.V. values:

20 or 30 Yard Bags Available

MATERIAL MAY BE TAN OR BLACK IN COLOR



PROPERTY	TEST METHOD	ENGLISH	METRIC
Wide Width Tensile Strength	ASTM D-4595	5,400 x 7,464 lbs/ft	78.81 x 108.93 kN/m
Wide Width Elongation @ Break	ASTM D-4595	20 x 18 %	20 x 18 %
WW Tensile Strength @ 2 % Strain Typical	ASTM D-4595	300 x 1,620 lbs/ft	4.38 x 23.35 kN/m
WW Tensile Strength @ 5 % Strain Typical	ASTM D-4595	1,440 x 3,840 lbs/ft	21.02 x 56.04 kN/m
WW Tensile Strength @ 10 % Strain Typical	ASTM D-4595	3,840 lbs/ft	56.04 kN/m
Factory Seam Strength	ASTM D-4884	400 lbs/in	69.7 kN/m
Pin Puncture ⁽³⁾	ASTM D-4833	225 lbs	1,001.25 N
CBR Puncture	ASTM D-6241	3,000 lbs	13,350 N
Trapezoidal Tear	ASTM D-4533	250 x 300 lbs	1,113 x 1,335 N
Apparent Opening Size ^(1,2)	ASTM D-4751	30 - 40 US Sieve	0.595 - 0.4 mm
Permittivity ⁽¹⁾	ASTM D-4491	0.27 Sec ⁻¹	0.27 Sec ⁻¹
Water Flow Rate ⁽¹⁾	ASTM D-4491	20 g/min/f ²	815 L/min/m ²
Pore Size 0(50) Typical	ASTM D-6767	140 US Sieve	100 micron
Pore Size 0(95) Typical	ASTM D-6767	40 US Sieve	395 micron
UV Resistance @ 1,400 Hours	ASTM D-4355	70 %	70 %
UV Resistance @ 1,400 Hours Typical	ASTM D-4355	85 %	85 %

⁽¹⁾ At the time of manufacturing. Handling, storage, and shipping may change these properties.

⁽²⁾ Maximum average roll value (MaxARV).

⁽³⁾ Historical reference values. These properties are no longer recognized by ASTM or AASHTO for geosynthetics.

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