

GEOTUBE® DEWATERING CONTAINERS

GEOTUBE® Dewatering containers are manufactured with special high-strength woven geotextiles and are a very cost-effective option in dewatering applications, dredging, and structures along shorelines.

These units are available in various sizes and may be supplied large enough to hold over 900 cubic meters of material. In dewatering applications, they are filled with sludge slurry, and water is added as needed to facilitate pumping. The excess water then filters through the walls of the unit, leaving the solids trapped inside. This process reduces the amount of high-cost liquid material to be disposed of, leaving solids that are easily handled.

July 2026					GEOTUBE® Dewatering Containers			
Material Properties	Style	ASTM	GT 500	GT 1000M				
	Wide Width Tensile Strength MD/CD	D4595	78.8/109.4 kN/m 450/625 lbs/in	175.0/175.0 kN/m 1000/1000 lbs/in				
	Wide Width Tensile Elongation MD/CD	D4595	20 max./20 max.	20 max/20 max				
	Factory Seam Strength	D4884	70.0 kN/m 400 lbs/in	88 kN/m 500 lbs/in				
	Apparent Opening Size (AOS)	D4751	0.43 mm 40 US Sieve	0.600 mm 30 US Sieve				
	Water Flow Rate	D4491	813 l/m/m ² 20 gpm/ft ²	815 l/m/m ² 20 gpm/ft ²				
	Mass / Unit Area (Typical Value)	D5261	585 g/m ² 17.3 oz/yd ²	1119 g/m ² 33 oz/yd ²				
	UV resistance (% strength retained after 500 hours)	D4355	80 %	85%				

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