



TexDrain™ 200 DS 4 Certified Properties

TD 200 DS 4 is a superior quality composite drainage product produced by thermally laminating a 4 ounce per square yard nonwoven geotextile to both sides of a core of high-flow polyethylene drainage net. TexDrain Geocomposites are designed to provide high capacity planar flow of liquids, with integrated protection from clogging and damage protection for adjacent geomembranes.

TD 200 DS 4 and individual components conform to the physical property values listed below:

200 mil GEONET PROPERTIES	TEST METHOD	UNITS	VALUE
Thickness	ASTM D 5199	mils	200
Polymer Density	ASTM D 1505	g/cm ³	0.940
Transmissivity ¹	ASTM D 4716	g/min/ft (m ² /s)	5.0 (1.0x 10 ⁻³)
Carbon Black	ASTM D 1603	%	2
Tensile Strength	ASTM D 5035	lbs/in	45

1 - Transmissivity measured in the machine direction using water at 20 Degrees C (68 degree F) with a gradient of one, under a confining pressure of 10,000 psf, between two steel plates, after 15 minutes. Values may vary based on dimension of the transmissivity specimen and specific laboratory.

GEOTEXTILE PROPERTIES ²	TEST METHOD	UNITS	VALUE
Weight	ASTM D 5261	oz/yd ²	4
Grab Tensile	ASTM D 4632	lbs	100
Tear Strength	ASTM D 4533	lbs	45
Puncture	ASTM D 4833	lbs	65
Permittivity	ASTM D 4491	Sec ⁻¹	1.5
AOS	ASTM D 4751	US Sieve	70 sieve
UV Stability	ASTM D 4355	% retained (500 hr)	70

2 - Prior to lamination to geonet core. Thermal lamination may alter these properties. Geotextile properties are Minimum Average Roll Values, except for AOS, which is Maximum Average Roll Value.

GEOCOMPOSITE PROPERTIES	TEST METHOD	UNITS	VALUE
Transmissivity ³	ASTM D 4716	g/min/ft (m ² /s)	1 (2 x 10 ⁻⁴)
Peel Adhesion	ASTM D 7005	lbs/in	1

3 - Transmissivity measured in the machine direction under a gradient of one, under a confining pressure of 10,000 psf, between two steel plates, after 15 minutes. Values may vary based on dimension of the transmissivity specimen and specific laboratory.

ROLL DIMENSIONS ⁴	WIDTH	LENGTH	AREA	WEIGHT
	13.5 feet	250 feet	3,375 ft ²	818 lbs

4 - Weight is nominal. Length subject to change based on optimized shipping dimensions.



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For the most up-to-date product information please visit our website, www.cetco.com
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