



**NORTHWEST LININGS &
GEOTEXTILE PRODUCTS, Inc.**

"Helping to Protect the Environment"

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PermeaTex GC200-2-4060 / GC200-2-4080

GEOCOMPOSITE PROPERTIES

PROPERTY	TEST	UNITS	MINIMUM ₂ GC200-2-4060	MINIMUM ₂ GC200-2-4080
Transmissivity ₁ (15,000 psf)	ASTM D 4716	M ₂ /sec Gal/min/ft	1 x 10 ⁻⁴ typical 0.48	4 x 10 ⁻⁵ typical 0.19
Ply Adhesion	ASTM D 413 or F 904	Lb. / in	1.0	1.0

COMPONENT PROPERTIES₃

GEONET PermeaTex GN200	TEST	UNITS	GC200
Density	ASTM D 1505	G/cm ³	0.94
Carbon Black Content	ASTM D 4218	%	2.0
Thickness	ASTM D 5199	Inches mils	0.200 200
Mass Per Unit Area	ASTM D 5261	Lbs./ft ²	0.162
Transmissivity ₁	ASTM D 4716	M ₂ /sec	1 x 10 ⁻³ @ 15,000 psf
Tensile Strength	ASTM D 5035	Lbs./in	45

GEOTEXTILE	TEST	UNITS	PermeaTex 4060	PermeaTex 4080
Fabric Weight(Typical)	ASTM D 5261	Oz / yd ²	6	8
Mullen Burst	ASTM D 3786	lb/in ²	350	450
Grab Strength	ASTM D 4632	Lbs.	160	203
Puncture	ASTM D 4833	Lb	90	130
Water Flow Rate	ASTM D 4491	Gal/min/ft ²	110	110
AOS	ASTM D 4751	Sieve size mm	70 – 0.210	100 – 0.150

NOTES:

1. Measured using water @ 20 degrees C (68 F) with a gradient of one, between two steel plates, after one hour. Value may vary, based on dimensions of the Transmissivity specimen and specific laboratory.
2. These values represent minimum acceptable test values for a roll as tested according to Northwest Linings Manufacturing Quality Control Manual. Individual test specimen values are not addressed in the specification.
3. Component properties are tested prior to the lamination process. They cannot be tested on the final product.

The information and data contained herein are believed to be accurate and reliable. Northwest Linings makes no warranty of any kind and accepts no responsibility for the results obtained through application of this information.

"Celebrating 32 Years of Service 1973 - 2005"