



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

*"Helping to Protect the Environment"*

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## PermeaTex™ Coir

### PRODUCT DESCRIPTION

The **PermeaTex™** Coir is made from 100% coir fiber twine woven into high strength mats for extreme slope stabilization, protection of high velocity stream banks and high velocity intermittent flow channels.

		<b>Coir 400</b>	<b>Coir 700</b>	<b>Coir 900</b>
<b>PROPERTY</b>	<b>METHOD</b>	<b>UNITS</b>	<b>UNITS</b>	<b>UNITS</b>
Roll Width		9.84', 13.12'	9.84', 13.12'	9.84', 13.12'
Roll Length		165'	165'	165'
Roll Square Feet		1623/2160	1623/2160	1623/2160
Roll Square Yards		180/240	180/240	180/240
Weight grams/sq/m(oz/SY)	ASTM D 3776	400(11.85)	700(20.70)	900(26.62)
Thickness Mills (mm)	ASTM D 1777	297.80 (7.45)	300 (7.5)	338.30 (8.46)
Open Area (%)		65	50	38
Recommend Flow Velocity		8.2 ft/sec	10 ft/sec	15.5 ft/sec
Recommended Shear Stress		3.12 lbs/ft2	4.50 lbs/ft2	4.91 lbs/ft2
"C" Factor, 1.5:1 slope		.003	.003	.002
Warp Ends/Per 10cm		4.60	11.00	13.00
Weft Picks/Per 10cm		4.00	7.00	7.00
DRY-Ultimate Strength lbs/in RD(Roll Machine Direction) XD(Cross Machine Direction)	ASTM D 4595	58.8 55.3	115.8 64.1	164.9 66.4
DRY-Ultimate Strain % RD XD	ASTM D 4595	37.2 30.6	52.9 37.9	68.6 38.0
WET-Ultimate Strength lbs/in RD(Roll Machine Direction) XD(Cross Machine Direction)	ASTM D 4595	45.10 42.30	104.70 58.40	124.40 60.30
WET-Ultimate Strain % RD XD	ASTM D 4595	35.00 34.20	64.30 49.20	83.00 49.60

PermeaTex™ is a trade name of Northwest Linings and any use of this name without the express written consent of Northwest Linings is strictly prohibited.

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