



Rig Grip® K-PAD


Description:

33oz/square yard woven Kevlar® fabric coated with 4 Layers of Polyurethane. 90mils Nominal Thickness

<u>Finish Lot #</u>	0001140689	<u>Description</u>	1117 KV K29 3000D 2x2BW 50in PU Lam
<u>Date of Manufacture</u>	2015/09/12		600 gsm 50"
<u>Greige Lot #</u>	0001139897		
<u>Packing Slip #</u>	034421		
<u>Tested Piece #</u>	0001140689001	<u>Test Result ID #</u>	838088
<u>Certified Piece #s</u>			

000114068900203						
Total Shipped = 100.1\FT						
<u>Characteristic</u>	<u>Test Method</u>	<u>Actual</u>	<u>LSL</u>	<u>TARGET</u>	<u>USL</u>	<u>UOM</u>
Dry Weight	STM22	1,132.20		1,145.00		g/m^2
		33.39		33.77		oz/sq. yd.
Fabric Strip Break Warp(ASTM 5035)		1,570.7		1,000.00		kgf
Fabric Strip Break Weft(ASTM 5035)		1,437.6		1,000.00		kgf
Thickness	STM18	0.90		1.00		millimeters
		0.035		0.04		Inches
Thread Count Warp	STM08	21.00	20.00	21.00	22.00	YPI
Thread Count Weft	STM08	21.00	20.00	21.00	22.00	YPI
Width	STM09	123.80	126.00	127.00	128.00	cm
		48.74	49.61	50.00	50.39	Inches

Shelf Life: 1025 Days

Signed By: 
 Carl Weidhaas
 Quality Lab Technician

Test Passed

Date Completed: 2015/09/13



Tests Summary Geomembrane Materials

TEST												
Material	Thickness ASTM D1777 (mm)	Puncture Resistance Modified ASTM D4833		Tensile Strip Tensile (1.5 in) Modified ASTM D5035				Tongue Tear ASTM D2261		Trapezoid Tear ASTM D5733		
		Max Load (N)	Max Strain (mm)	Max Load (N)		Max Strain (%)		Maximum Peak (N)		Maximum Peak (N)	Average of all Peaks (N)	
Rig Grip K-PAD	1.178	5008	22.21	Warp	16,442	Warp	14.99	Warp	2,027	Warp	3,918	2,074
				Weft	15,271	Weft	17.51	Weft	2,283	Weft	3,867	1,769
				Avg	15,856	Avg	16.25	Avg	2,155	Avg	3,893	1,922