

BIAxIAL REINFORCEMENT GEOGRID PRODUCT LINE CARD¹

	Property	Value	Unit	GRIDPRO™ BXP11		GRIDPRO™ BXP12		GRIDPRO™ BXP13		GRIDPRO™ BXP15		GRIDPRO™ BXP20L		GRIDPRO™ BXP20		GRIDPRO™ BXP25		GRIDPRO™ BXP30		GRIDPRO™ BXP30L		GRIDPRO™ BXP41		GRIDPRO™ BXP42	
				MD Values	XMD Values	MD Values	XMD Values	MD Values	XMD Values	MD Values	XMD Values	MD Values	XMD Values	MD Values	XMD Values	MD Values	XMD Values	MD Values	XMD Values	MD Values	XMD Values	MD Values	XMD Values	MD Values	XMD Values
MECHANICAL	Aperture Dimensions	MARV	in mm	1.0 25	1.3 33	1.0 25	1.3 33	1.8 46	2.5 64	1.6 41	1.6 41	2.6 66	2.6 66	1.6 41	1.6 41	1.6 41	1.6 41	1.6 41	1.6 41	2.6 66	2.6 66	1.3 33	1.3 33	1.3 33	1.3 33
	Minimum Rib Thickness	MARV	in mm	0.03 0.76	0.03 0.76	0.05 1.27	0.05 1.27	0.05 1.27	0.05 1.27	0.05 1.27	0.03 0.76	0.06 1.52	0.03 0.76	0.03 0.76	0.03 0.76	0.07 1.78	0.03 0.76	0.09 2.29	0.04 1.02	0.08 2.03	0.04 1.02	0.03 0.76	0.03 0.76	0.05 1.27	0.05 1.27
	Tensile Strength at 2% Strain	MARV	lbs/ft kN/m	280 4.1	450 6.6	410 6.0	620 9.0	380 5.5	650 9.5	376 5.5	376 5.5	479 7.0	479 7.0	479 7.0	479 7.0	616 9.0	616 9.0	753 11.0	753 11.0	719 10.5	753 11.0	270 3.9	380 5.5	410 6.0	510 7.4
	Tensile Strength at 5% Strain	MARV	lbs/ft kN/m	580 8.5	920 13.4	810 11.8	1340 19.6	720 10.5	1200 17.5	719 10.5	719 10.5	959 14.0	959 14.0	959 14.0	959 14.0	1164 17.0	1164 17.0	1439 21.0	1439 21.0	1439 21.0	1439 21.0	550 8.0	720 10.5	800 11.7	1000 14.6
	Ultimate Tensile Strength	MARV	lbs/ft kN/m	850 12.4	1300 19.0	1310 19.1	1970 28.7	1100 16.1	1920 28.0	1027 15.0	1027 15.0	1370 20.0	1370 20.0	1370 20.0	1370 20.0	1713 25.0	1713 25.0	2055 30.0	2055 30.0	2055 30.0	2055 30.0	880 12.8	920 13.4	1400 20.4	1610 23.5
STRUCTURAL	Junction Efficiency	MARV	%	93		93		93		93		93		93		93		93		93		93		93	
	Flexural Efficiency	MARV	mg-cm	250,000		750,000		450,000		250,000		600,000		700,000		1,300,000		2,000,000		2,000,000		250,000		750,000	
	Aperture Stability	MARV	m-N/deg	0.32		0.65		0.58		0.27		0.35		0.37		0.45		0.75		0.75		0.28		0.48	
DURABILITY	Resistance to Long Term Degradation		%	100%		100%		100%		100%		100%		100%		100%		100%		100%		100%		100%	
	Resistance to UV Degradation	MARV	%	100%		100%		100%		100%		100%		100%		100%		100%		100%		100%		100%	
PACKAGING	Roll Sizes ²	Typical	English	12.9 ft x 328 ft		12.9 ft x 246 ft		12.9 ft x 164ft		12.9 ft x 328 ft		12.9 ft x 168 ft		12.9 ft x 328 ft		12.9 ft x 164 ft		12.9 ft x 168 ft		12.9 ft x 168 ft		12.9 ft x 328 ft		12.9 ft x 164 ft	
			Metric	3.93 m x 100.0 m		3.93 m x 75 m		3.93 m x 50 m		3.93 m x 100.0 m		3.93 m x 51.0 m		3.93 m x 100.0 m		3.93 m x 50.0 m		3.93 m x 51.0 m		3.93 m x 51.0 m		3.93 m x 100.0 m		3.93 m x 50.0 m	

Notes: 1. The property values listed above are effective 05/04/2020 and are subject to change without notice. Values represent testing at time of manufacture.

2. Contact your local Territory Business Manager (TBM) for custom widths and colors. Lead times may vary depending on customer requirements and volume requested.