

	Property	Value	Unit	GRIDPRO™ UXP11	GRIDPRO™ UXP14	GRIDPRO™ UXP15	GRIDPRO™ UXP16	GRIDPRO™ UXP17
MECHANICAL	Tensile Strength at 5% Strain	MARV	lbs/ft kN/m	1850 27.0	2130 31.0	3560 52.0	3980 58.0	5140 75.0
	Ultimate Tensile Strength	MARV	lbs/ft kN/m	3970 58.0	4800 70.0	7810 114.0	9870 144.0	11990 175.0
STRUCTURAL	Junction Strength	MARV	lbs/ft kN/m	3690 54	4520 66	7200 105	9250 135	10970 160
	Flexural Efficiency	MARV	mg-cm	500,000	730,000	5,100,000	6,000,000	9,075,000
DURABILITY	Resistance to Long Term Degradation	MARV	%	100%	100%	100%	100%	100%
	Resistance to UV Degradation	MARV	%	95%	95%	95%	95%	95%
LOAD CAPACITY	Max Allowable (Design) Strength for 120-year Design Life	MARV	lb/ft kN/m	1450 21.2	1760 25.6	2860 41.8	3620 52.7	4390 64.1
RECOMMENDED ALLOWABLE STRENGTH REDUCTION FACTORS	Minimum Reduction Factor for Installation Damage (RF _{ID}) ⁸	MARV		1.00	1.00	1.00	1.00	1.00
	Minimum Reduction Factor for Durability (RF _D)	MARV		1.05	1.05	1.05	1.05	1.05
PACKAGING	Roll Sizes ²	Typical	English	4.36 ft x 250 ft	4.36 ft x 250 ft	4.36 ft x 200 ft	4.36 ft x 200 ft	4.36 ft x 200 ft
			Metric	1.33 m x 76.2 m	1.33 m x 76.2 m	1.33 m x 61 m	1.33 m x 61 m	1.33 m x 61 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.