



**VELOCITY®- 36 - 46 oz Synthetic Turf
System Sample Specifications**

	Standard	Property	Specification
1	ASTM D418/D5848	Pile Weight	36 - 46 oz. /Sq. Yd.
2	ASTM D5848	Primary and Secondary Backing Weight	7.9 oz. /Sq. Yd.
3	ASTM D5848	Secondary Coating Weight	26 oz. /Sq. Yd.
4	ASTM D5848	Total Weight	73.9 oz. /Sq. Yd.
5	ASTM 1907	Yarn Denier	8,000
6	ASTM D418/D5848	Pile Height	1 3/4" - 2 1/2" (+/- 1/8")
7	ASTM D5793	Tufting Gauge	1/2"
8	ASTM D5848	Primary Backing	Tri-layer woven Polypropylene
9	ASTM D5848	Secondary Coating	Polyurethane
10	ASTM D1335	Tuft Bind without Infill	10 lbs. +/-
11	ASTM D1682/D5034	Grab Tear (width)	275-287.4 lbs. Force
12	ASTM D1682/D5034	Grab Tear (length)	300-340.9 lbs. Force
13	ASTM D4991	Carpet Permeability	>40 inches/hour
14	ASTM D2859	Flammability (Pill Burn)	Pass
15	ASTM E-11	Realfill™ Infill	5 - 6 lbs. +/- per sq. ft
16	ASTM F355	G-max (Impact Attenuation)	<130 at installation <190 over Warranty life
17		Fabric Width	15'
18		Perforation	3/16" Holes 4" x 4"
19		Yarn	115 Microns
			Parallel Fibrillated PE

All Characteristics listed above nominal +/- 5%

This document is for illustrative purposes and may change without notice. Purchaser should verify that a representative specification of the system to be installed has been received prior to the establishment of a project or contract.

Velocity® synthetic turf incorporates life like blades of grass, tufted into the strongest and most dimensionally stable backing system available with a polyurethane pre-coat for the ultimate in tuft-bind. Velocity® is filled with a pea gravel (2-3 lbs) and cuboidal rubber (2.5-3.5 lbs) infill – REALFILL™ - creating the most realistic looking and feeling surface ever.

Infill will be a minimum of 75% of synthetic turf pile height.

Velocity® is a fully UV stabilized system ideal for outdoor use.



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