matrix®TURF
BASEBALL / SOFTBALL

**matrix® Baseball/Softball Synthetic Turf System
Sample Specifications**

	Standard	Property	Specification
1	ASTM D418/D5848	Pile Weight	42 - 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	75.9 - 79.9 oz. /Sq. Yd.
5	ASTM D1907	Yarn Denier	12,400
6	ASTM D418/D5848	Pile Height	Finished 1 3/4" - 2"
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 F355	G-max (Impact Attenuation)	<130 at installation <190 over warranty life
16	ASTM E-11	Realfill™ Infill	4 - 5 lbs +/- per square foot
17		Fabric Width	15'
18		Perforation	3/16" Holes 4" x 4"
19		Yarn	Average 180 microns

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.
Matrix® synthetic turf incorporates life like individual 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.
Matrix is filled with a pea gravel (2-3 lbs) and cuboidal rubber infill (2.5-3 lbs) - REALFILL™.
Infill will be a minimum of 75% of synthetic turf pile height.
The monofilament fibers curl down to cover and trap the rubber granules preventing the system from expelling the infill upon impact.
Matrix is a fully UV stabilized system ideal for outdoor use.