

# Convertible Matrix Turf Field At



# matrix<sup>®</sup>

SYNTHETIC TURF



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# matrix®

SYNTHETIC TURF

## Matrix® Synthetic Turf System - 46

<u>Standard</u>	<u>Property</u>	<u>Specification</u>
1. ASTM D418/D5848	Pile Weight	46 oz. /Sq. Yd.
2. ASTM D5848	Primary and Secondary Backing Weight	9.2 oz. /Sq. Yd.
3. ASTM D5848	Secondary Coating Weight	26 oz. /Sq. Yd.
4. ASTM D5848	Total Weight	81.2 oz. /Sq. Yd.
5. ASTM D1907	Yarn Denier	<b>4 single</b> monofilament yarn ends in 1,900 denier lime green <b>4 single</b> monofilament yarn ends in 1,200 denier grass green <b>12,400</b>
	Total Denier	<b>12,400</b>
6. ASTM D418/D5848	Pile Height	Finished 2 ¼"
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	8 lbs. +/-
11. ASTM D1682/D5034	Grab Tear (width)	250.1 – 273.1 lbs. Force
12. ASTM D1682/D5034	Grab Tear (length)	197.6 – 236.1 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	6 - 7 lbs. +/- per square foot
17.	Fabric Width	15'
18.	Perforation	3/16" Holes 4" x 4"
19.	Yarn	160 microns x 1.6 mm (lime green) 170 microns x 1.2 mm (grass green)

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® 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 (2.5-3.5 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.