



SYNLAWN®

Plant-Based Artificial Grass



PRODUCT SPECIFICATIONS



SYNTIPEDE X43

Soft fibers with extreme durability make this the perfect selection for any residential or commercial applications with high foot-traffic areas including school playgrounds, public parks, and multiple other uses.



SUPER YARN™ TECHNOLOGY

SANITIZED®
ANTIMICROBIAL

DUALCHILL™
IR REFLECTIVE

STATBLOCK™
ANTI-STATIC

SKU	STX4T
Grass Zone Yarn/Color	Nylon+PE / Field Green/Olive/Apple
Grass Zone Denier	10,800/6
Thatch Zone Yarn/Color	PE / Field Green/Beige
Thatch Zone Denier	5,000/8
Grass Zone Yarn Shape	Legend Mono
Finished Pile Height	1 1/2"
Finished Pile / Total Weight	100 oz. /128 oz.
Backing	13PP/18PET 2pt / 22oz. EnviroLoc+™
Tuft Gauge	3/8"
Tuft Bind	> 8 lbs.
Permeability	> 1,000 inches p/hr
Features	Sanitized®, EnviroLoc+™, StatBlock™ Anti-Static, DualChill™ IR Reflective, Deluster, UV Stabilizers
Test Data	EN 12616, CAL1350, ASTM C518, ASTM D7138, ASTM E108, ASTM F1292, ASTM F1951, ASTM F2765, EN-71, RCRA 8 TCLP



LIMITED LIFETIME WARRANTY



OPTIMAL DRAINAGE > 1,000" P/HR

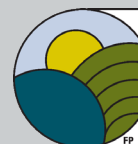


USE IN ALL CLIMATES AND REGIONS



IDEAL FOR HIGH FOOT-TRAFFIC AREAS

ASK ABOUT OUR...
**USDA CERTIFIED
ORGANIC INFILL
SYSTEM**



**USDA
CERTIFIED
BIOBASED
PRODUCT**
PRODUCT 64%

SYNTIPEDE X43 is a USDA Certified Bio-Based artificial grass system in combination with organic infill, able to display a unique USDA label highlighting its percentage of biobased content.



Official Synthetic Surface



SPECIFICATIONS SUBJECT TO CHANGE

08.13.2025



SYNTIPEDE X43



Official Synthetic Surface

Primary Yarn Polymer	Polyethylene	Primary Backing	13PP/18PET 2pt
Yarn Cross Section	Legend Mono	Coating Type	22 oz. EnviroLoc+
Standard Color	Field Green/Olive/Apple	PE Yarn Denier / Ends	10,800/6
Fabric Construction	Tufted	Texturized Thatch Denier / Ends	5,000/8
Second Yarn Polymer Thatch	Polyethylene	Warranty Period	Limited Lifetime
Secondary Yarn Color	Field Green/Beige		

FINISH FABRIC	ENGLISH SYSTEM		ASTM TEST
	Value	Units	Method
<i>Nominal Specification</i>			
Pile Height (Nominal)	1 1/2	inches	D-5823
Face Weight	100	oz/yd ²	D-5848
Total Fabric Weight	128	oz/yd ²	D-5848
Primary Backing Weight	6	oz/yd ²	D-5848
Secondary Coating Weight	22	oz/yd ²	D-5848
Tuft Bind	> 8	lbs.	D-1335
Grab Tear Strength (Average)	> 200	lbs.	D-5034
Total Yarn Linear Density	15,800	Denier	D-1577
Elongation to Break	> 30	%	D-2256
Yarn Breaking Strength	> 20	lbs.	D-5793
Machine Gauge	3/8	inches	D-5793
Flammability	Passed	-	D-2859
Water Permeability	> 1,000	in/hr	EN 12616
Fabric Width	15	ft	-



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MasterSpec®



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