



SYNTIPEDE 321

Just like its natural counterpart, SYNTIpede is known for being tough. The tallest in the collection including Super Yarn™ technology creating a durable surface perfect for active children and pets and peace of mind for all types of landscaping projects.



SUPER YARN™ TECHNOLOGY

SANITIZED®
ANTIMICROBIAL

DUALCHILL™
IR REFLECTIVE

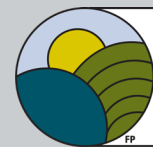
STATBLOCK™
ANTI-STATIC



SKU	ST321
Grass Zone Yarn/Color	PE / Field Green / Apple
Grass Zone Denier	10,800 / 6
Thatch Zone Yarn/Color	PE / Turf Green
Thatch Zone Denier	5,000 / 8
Grass Zone Yarn Shape	Omega
Finished Pile Height	1 1/2"
Finished Pile Weight	80 oz.
Backing	13PP/18PET 2pt / 22oz. EnviroLoc+™
Tuft Gauge	3/8"
Total Weight	108 oz.
Tuft Bind	> 8 lbs.
Permeability	> 607.6 inches p/hr
Features	Sanitized®, EnviroLoc+™, StatBlock™ Anti-Static, DualChill™ IR Reflective, Deluster, UV Stabilizers
Test Data	ASTM D2859, E648, F1292, F1951, IPEMA, CAL 1350 EMISSIONS, PFA-FREE

- UNMATCHED LIFETIME WARRANTY
- OPTIMAL DRAINAGE > 600" 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 70%

SYNTIpede 321 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.



**SYNLAWN**[®]The **Greenest** Turf on Earth[™]**SYNTIPEDE 321**

Primary Yarn Polymer	Polyethylene	Primary Backing	13PP/18PET 2pt
Yarn Cross Section	Omega	Coating Type	22 oz. EnviroLoc+
Standard Color	Field Green / 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	Turf Green		

FINISH FABRIC	ENGLISH SYSTEM		ASTM TEST
	Nominal Specification	Value	Units
Pile Height (Nominal)	1 1/2	inches	D-5823
Face Weight	80	oz/yd ²	D-5848
Total Fabric Weight	108	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	607.6	in/hr	D-1551
Fabric Width	15	ft	-

**SYNLAWN**[®]
a sportgroup company

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THEGREENESTTURFONEARTH.COM

MasterSpec[®]

CADETAILLS.COM

SPECIFICATIONS SUBJECT TO CHANGE

12/01/2022