



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. ASTM E108 Class A Fire-Rated provides peace of mind for all types of projects.

Grass Zone Yarn/Color	PE / Field Green / Apple
Grass Zone Denier	10,000 / 6
Thatch Zone Yarn/Color	PE / Turf Green
Thatch Zone Denier	5,040 / 12
Grass Zone Yarn Shape	Omega
Finished Pile Height	1 5/8"
Finished Pile Weight	80 oz.
Backing	15 / 18 PP 2-Part / 20oz. EnviroLoc™
Tuft Gauge	3/8"
Total Weight	106 oz.
Tuft Bind	> 8 lbs.
Permeability	> 400 inches per / SY
Features	Sanitized®, EnviroLoc™, StatBlock™ Anti-Static, DualChill™ IR Reflective, Deluster, UV Stabilizers
Test Data	ASTM F1292, F1551, F1951



Unmatched Lifetime Warranty



EnviroLoc™ Plant-Based Backing



Deluster and UV Protection



Class A Fire Rating



Foot Traffic



Softness

SUPER YARN™ TECHNOLOGY

Sanitized®
Antimicrobial

DualChill™
IR Reflective

StatBlock™
Anti-Static



[Learn more at CADdetails.com](http://CADdetails.com)

Not to scale. For illustration only.

RECOMMENDED USES

LANDSCAPE

PETS

PLAY

ROOFTOP

Primary Yarn Polymer	Polyethylene	Primary Backing	15/18 PP 2-Part
Yarn Cross Section	Omega	Coating Type	20 oz. EnviroLoc™
Standard Color	Field Green / Apple	PE Yarn Denier / Ends	10,000 / 6
Fabric Construction	Tufted	Texturized Thatch Denier / Ends	5,040 / 12
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 5/8	inches	D-5823
Face Weight	80	oz/yd ²	D-5848
Total Fabric Weight	106	oz/yd ²	D-5848
Primary Backing Weight	6	oz/yd ²	D-5848
Secondary Coating Weight	20	oz/yd ²	D-5848
Tuft Bind	> 8	lbs.	D-1335
Grab Tear Strength (Average)	> 200	lbs.	D-5034
Total Yarn Linear Density	15,040	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	425	in/hr	D-1551
Fabric Width	15	ft	-