



# SYNLAWN®

Plant-Based Artificial Grass



PRODUCT SPECIFICATIONS



## SYNLFESCUE 343

Offering superior dimensional strength and stability while remaining easy on the eyes and wallet. Incorporating Super Yarn™ technology, this landscape grass offers extreme flexibility and durability, creating the perfect solution for multiple applications.

SKU	F343T
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	2"
Finished Pile / Total Weight	80 oz. / 108 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	ASTM D2859, ASTM D7138, ASTM E108, ASTM E648, ASTM F1951, ASTM F2765



**SANITIZED®**  
ANTIMICROBIAL

### SUPER YARN™ TECHNOLOGY

**DUALCHILL™**  
IR REFLECTIVE

**STATBLOCK™**  
ANTI-STATIC



ASTM E108 CLASS A FIRE RATING



OPTIMAL DRAINAGE > 1,000" P/HR



EXCLUSIVE ENVIROLOC+™ BACKING



LIMITED LIFETIME WARRANTY

INSTALLATION DETAILS AVAILABLE AT



CADdetails

MasterSpec®

NOT TO SCALE. FOR ILLUSTRATION ONLY.  
CONTACT YOUR LOCAL SYNLAWN FOR INSTALLATION.



LANDSCAPE



PETS



PLAY



ROOF



Official Synthetic Surface



SPECIFICATIONS SUBJECT TO CHANGE

08.13.2025



Official Synthetic Surface

Primary Yarn Polymer	Polyethylene	Primary Backing	13 PP/18PET 2pt
Yarn Cross Section	Legend MonoC	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
<i>Nominal Specification</i>	<i>Value</i>	<i>Units</i>	<i>Method</i>
Pile Height (Nominal)	2	inches	D-5823
Face Weight	80	oz/yd <sup>2</sup>	D-5848
Total Fabric Weight	108	oz/yd <sup>2</sup>	D-5848
Primary Backing Weight	6	oz/yd <sup>2</sup>	D-5848
Secondary Coating Weight	22	oz/yd <sup>2</sup>	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	D-1551
Fabric Width	15	ft	-