



SYNLAWN®

Plant-Based Artificial Grass

TRIONIC PLUS

PRODUCT SPECIFICATIONS



SYNTIPEDE 243

Selected by Tour Players for TGL, the golf league created by TMRW Sports, this high-performance grass is ideal for fringe or rough. Its low profile, strength, and Super Yarn™ Technology ensure lasting durability and unmatched performance.



SUPER YARN™ TECHNOLOGY

SANITIZED®
ANTIMICROBIAL

DUALCHILL™
IR REFLECTIVE

STATBLOCK™
ANTI-STATIC



LIMITED LIFETIME WARRANTY



OPTIMAL DRAINAGE > 1,000" P/HR



USE IN ALL CLIMATES AND REGIONS



IDEAL FOR HIGH FOOT-TRAFFIC AREAS

INSTALLATION DETAILS AVAILABLE AT



CADdetails

MasterSpec®

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



LANDSCAPE



PETS



PLAY



ROOF



GOLF

SKU	S243T
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"
Finished Pile / Total Weight	60 oz. / 88 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	CAL1350, ASTM D7138, ASTM E648, ASTM F1292, ASTM F1551, ASTM F1951, ASTM F2765, EN-71, RCRA 8 TCLP



Official Synthetic Surface



SPECIFICATIONS SUBJECT TO CHANGE

08.13.2025



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
<i>Nominal Specification</i>	<i>Value</i>	<i>Units</i>	<i>Method</i>
Pile Height (Nominal)	1	inch	D-5823
Face Weight	60	oz/yd ²	D-5848
Total Fabric Weight	88	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	D-1551
Fabric Width	15	ft	-