



SYNFESCUE 80

Designed for both residential lawns and landscape applications, this product delivers a natural look, soft texture, and lasting performance—bringing beauty, sophistication, and confidence to any outdoor space.

SKU	FES80
Grass Zone Yarn/Color	PE / Field Green/Apple
Grass Zone Denier	10,800 / 6
Thatch Zone Yarn/Color	PE / Beige/Brown
Thatch Zone Denier	5,000 / 8
Grass Zone Yarn Shape	Biomimetic C + S
Finished Pile Height	1 3/4"
Pile / Total Weight	80 oz. / 108 oz.
Backing	13PP/18PET 2pt/22oz. EnviroLoc+™
Tuft Gauge	3/8"
Tuft Bind	> 8 lbs.
Permeability	>400 in/hr



PLANT BASED TECHNOLOGY



HEATBLOCK TECHNOLOGY



ENVIROLOC+™ PLANT-BASED





SYNFESCUE 80



Official Synthetic Surface

FINISH FABRIC	ENGLISH SYSTEM		ASTM TEST
	Nominal Specification	Value	Units
Pile Height (Nominal)	1 3/4	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	>400	in/hr	EN-12616
Fabric Width	15	ft	-

TESTING DATA

FIRE	ASTM D2859, ASTM E648
HEAVY METALS	EN-71
EMISSIONS	CAL1350
DRAINAGE	EN12616
OTHER	ASTM F1292, ASTM F1951



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SPECIFICATIONS SUBJECT TO CHANGE

12.10.2025