



GT40

GrassTurf 40 is our entry level non-infilled turf product. It's yarn/thatch is a blend of nylon and polyethylene with a ¾" pile height. GT40 is commonly used for smaller turf applications. Normally installed with an attached 5mm pad but 8mm to 20mm pads are available. All GameTurf options can be portable with added 4" Velcro.

PROPERTY

DESCRIPTION

Primary/Stalk Yarn Polymer	52% Polyethylene
Secondary/Thatch Yarn Polymer	48% Nylon
Yarn Cross Section	Polyethylene Slit-Film/Texturized Nylon
Standard Colors	Field Green; White; Red; FLA Blue; Yellow; Black
Coating Type(s)	SilverBack™ Polyurethane or multiple pad thickness available by request
Perforations	Custom only
Pile Height	¾"
Total Fabric Weight	67 oz/yd ² (SilverBack™) 125 oz/yd ² (Foam)
Fabric Width	12 and 15 ft.

Standard Line and Field Colors*



*Custom colors available upon request

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TESTING

FINISHED FABRIC	ENGLISH SYSTEM		METRIC SYSTEM		ASTM TEST F-1551
	Value	Units	Value	Units	
Nominal Specification					Method
Pile Height (Nominal)	0.75	In.	19.05	mm.	D-5823
Face Weight	40	oz/yd ²	1356	g/m ²	D-5828
Total Fabric Weight (5mm Foam)	125	oz/yd ²	4238	g/m ²	D-5828
Total Fabric Weight (SilverBack™)	67	oz/yd ²	2,271	g/m ²	D-5828
Primary backing Weight	7	oz/yd ²	237	g/m ²	D-5828
Secondary Coating Weight (Foam)	78	oz/yd ²	2645	g/m ²	D-5828
Secondary Coating Weight (SilverBack™)	20	oz/yd ²	678	g/m ²	D-5828
Tuft Bind	>8	lbs.	>3.6	Kg.	D-1335
Grab Tear Strength (Average)	>200	lbs.	>91	Kg.	D-2256
Lead Content	<50	ppm	<50	ppm	D-2766
Total Yarn Linear Density	9,400	Denier	10,445	D-TEX	D-1577
Tensile Strength	8.0	lbs.	3.63	Kg.	D-5034
Stitch Rate	13.5	Per 3"	17.72	Per 10 cm	D-5793
Machine Gauge	0.25	In.	0.95	Cm.	D-5793
Flammability	TEST	PASSED	TEST	PASSED	D-2859
Water Permeability w/infill	>30	In./Hr.	>76	Cm./Hr.	F-1551
Fiber Thickness	9.4	mils	100	microns	D-3218
Fabric Width	12 & 15	Ft.	3.6 & 4.6	M	None

