



Spec p.1 | Dash

DESCRIPTION

MATERIALS: 100 percent nylon fibers and root zone fibers woven into a polyurethane backing

ATTRIBUTES: Dash's high-performance nylon fibers and nylon root zone make for a truly unique synthetic turf system. The density of the turf fibers eliminate the need for rubber infill, which can reduce the surface temperature of this outdoor turf system by almost 30 degrees when compared to traditional infilled turf systems. Plus, no infill means drastically reduced maintenance cost related to field upkeep.

APPLICATIONS

Dash's performance characteristics are highlighted in outdoor field applications. Other uses include athletic and military training facilities, fitness centers, and recreational facilities.

WARRANTY

PLAE warrants Dash, when installed using its recommended procedures and adhesives, to be free of manufacturing defects under normal use for a period of 10 years from the date of its original installation. Please refer to Dash's warranty for full details.

PHYSICAL CHARACTERISTICS

APPEARANCE:	Soft, short grass appearance
HEIGHT:	Pile: 1in (25.4mm) Foam Backing: .31in (8mm) Total: 1.31in (33.4mm)
TOT. YARN LIN. DENS.:	8,400 Denier
MACHINE GAUGE:	3/16in (4.76cm)
TUFT BIND	Greater than 8lbs. (3.63 kg)
WEIGHT:	Face: 60 oz/sq. yrd (2034 g/sq. m) Primary Backing: 7 oz/sq. yrd (237 g/sq. m) Secondary Coating: 20 oz/sq. yrd (678 g/sq. m) Polyurethane 8mm Foam: 80 oz/sq yd (2713 g/sq. m) Total Fabric w/o Foam: 87 oz/sq. yrd (2949 g/sq. m) Total Fabric with Foam: 167 oz/sq. yrd (5662 g/sq. m)
ROLL WIDTH:	15' (4.6m)
PRIMARY YARN POLYMER:	Nylon
YARN CROSS SECTION:	Diamond Monofilament Face
STANDARD COLOR:	Multiple Colors Available
THATCH COLOR:	Multiple Colors Available
UV STABILIZED:	Yes
FABRIC CONSTRUCTION:	Tufted
PRIMARY BACKING:	13 PIC Woven (2)
COATING TYPE:	Polyurethane (8mm Foam Available)
MONOFILAMENT YARN	
DENIER/ENDS:	4200/8
POLYURETHANE	
8MM FOAM:	Optional



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CHARACTERISTICS

<i>PERFORMANCE</i>	<i>STANDARDS</i>	<i>AVG. TEST RESULTS</i>	
		<i>IMPERIAL</i>	<i>METRIC</i>
Pile Height (Nominal)	D - 5823	1in	2.54cm
Face Weight	D - 5848	60oz/sq. yard	2,034 g/sq. m
Total Fabric Weight (without foam backing)	D - 5848	87oz/sq. yard	2,949 g/sq. m
Primary Backing Weight	D - 5848	7oz/sq. yard	237 g/sq. m
Secondary Coating Weight	D - 5848	20oz/sq. yard	678 g/sq. m
Tuft Bind	D - 1335	Greater than 8lbs.	Greater than 3.63 kg
Grab Tear Strength (Average)	D - 5034	Greater than 200lbs.	Greater than 91 kg
Lead Content	F - 2765	Less than 50ppm	Less than 50ppm
Total Yarn Linear Density	D - 1577	8,400 Denier	9,240 dtex
Elongation to Break	D - 2256	Greater than 60 percent	Greater than 60 percent
Yarn Breaking Strength	D - 2256	Greater than 19lbs.	Greater than 8.62 kg
Yarn Melting Point	D - 7138	428 °F	220 °C
Stitch Rate	D - 5793	4in	10.16cm
Machine Gauge	D - 5793	3/16in	0.476cm
Flammability	D - 2859	Passed	Passed
Fiber Thickness (Primary/Secondary)	D - 3218	3.9mils	100 microns
Fabric Width	None	15'	4.6m

NOTE: Any change from the specified values is considered a custom product and will require confirmation from manufacturing. All values are +/- 5%