



Spec | Attack

DESCRIPTION

MATERIALS: Polyethylene monofilament fiber, stabilized dual woven polypropylene primary backing, and 5mm urethane foam secondary backing

ATTRIBUTES: Durable blades offer exceptional ball roll/bounce and eliminate post fibrillation. Attack feels softer to the touch than turf with polypropylene fibers. Pile's omnidirectional curl eliminates matting and resists weather, rot, mold, mildew and fungus growth.

APPLICATIONS

Attack's characteristics are highlighted in an indoor training setting, but it also offers an excellent solution for indoor/outdoor training and multi-purpose recreational areas.

WARRANTY

PLAE warrants that Attack, when installed using PLAE's recommended procedures and adhesives, shall be free from manufacturing defects under normal use for a period of 8 years from the date of manufacturing. Please refer to Attack's warranty for full details.

PHYSICAL CHARACTERISTICS

APPEARANCE:	Soft, short grass appearance
HEIGHT:	Pile: 0.55in (14mm) Foam Backing: 0.2in (5mm) Total: 0.75in (19.05mm)
TOT. YARN LIN. DENS.:	5400 Denier (5940 dtex)
MACHINE GAUGE:	3 / 16in (.476cm)
TUFT BIND:	Greater than 8lbs. (3.63 kg)
WEIGHT:	Face: 48oz /sq. yrd (1628 g /sq. m) Primary Backing: 7oz /sq. yrd (238 g /sq. m) Secondary Coating: 80oz /sq. yrd (2713 g /sq. m) Total Fabric with Foam: 135oz /sq. yrd (2505 g /sq. m)
ROLL WIDTH:	15' (4.6m)
PRIMARY YARN POLYMER:	Texturized Polyethylene
YARN CROSS SECTION:	Diamond Monofilament
STANDARD COLOR:	Multiple Colors Available
UV STABILIZED:	Yes
FABRIC CONSTRUCTION:	Tufted
PRIMARY BACKING:	13/18 PIC Woven
COATING TYPE:	5mm Polyurethane Foam
POLYETHYLENE YARN DENIER/ENDS:	5400/8
POLYURETHANE 5MM FOAM:	Included

TECHNICAL CHARACTERISTICS

PERFORMANCE	STANDARDS	AVG. TEST RESULTS IMPERIAL	METRIC
Pile Height (Nominal)	ASTM D5823	0.75 in	1.9 cm
Face Weight	ASTM D5848	48 oz/sq. yard	1628 g/sq. m
Total Fabric Weight	ASTM D5848	135 oz/sq. yard	4578 g/sq. m
Primary Backing Weight	ASTM D5848	7 oz/sq. yard	238 g/sq. m
Secondary Coating Weight	ASTM D5848	80 oz/sq. yard	2713 g/sq. m
Tuft Bind	ASTM D1335	Greater than 8 lbs.	Greater than 3.63 kg
Grab Tear Strength (Average)	ASTM D5034	Greater than 200 lbs.	Greater than 91 kg



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Lead Content	ASTM D2765	Less than 50 ppm	Less than 50 ppm
Total Yarn Linear Density	ASTM D1577	5,400 Denier	5940 dtex
Elongation to Break	ASTM D2256	Greater than 60%	Greater than 60%
Yarn Breaking Strength	ASTM D2256	Greater than 19 lbs.	Greater than 8.62 kg
Yarn Melting Point	ASTM D7138	248°F	120°F
Stitch Rate	ASTM D5793	3 in	7.62 cm
Machine Gauge	ASTM D5793	3/16 in	0.476 cm
Flammability	ASTM D2859	Passed	Passed
Fiber Thickness	ASTM D3218	3.9 mils	100 microns
(Primary/Secondary)			
Fabric Width	None	15'	4.6 m

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