



Spec p.1 | 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



Spec p.2 | Attack

CHARACTERISTICS

<i>PERFORMANCE</i>	<i>STANDARDS</i>	<i>AVG. TEST RESULTS</i>	
		<i>IMPERIAL</i>	<i>METRIC</i>
Pile Height (Nominal)	D - 5823	0.75in	1.9cm
Face Weight	D - 5848	48oz/sq. yard	1,628 g/sq. m
Total Fabric Weight	D - 5848	135oz/sq. yard	4,578 g/sq. m
Primary Backing Weight	D - 5848	7oz/sq. yard	238 g/sq. m
Secondary Coating Weight	D - 5848	80oz/sq. yard	2713 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	5,400 Denier	5,940 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	248 °F	120 °C
Stitch Rate	D - 5793	3in	7.62 cm
Machine Gauge	D - 5793	3/16in	0.476 cm
Flammability	D - 2859	Passed	Passed
Fiber Thickness (Primary/Secondary)	D - 3218	3.9mils	100 microns
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%