



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 its recommended procedures and adhesives, shall be free of manufacturing defects under normal use for a period of 8 years from the date of its original installation. Please refer to Attack's warranty for full details.

PHYSICAL CHARACTERISTICS

SURFACE:	Soft, short grass appearance; please refer to webpage for color options.
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:	15ft (4.6m)
PRIMARY YARN POLYMER:	Texturized Polyethylene
YARN CROSS SECTION:	Diamond Monofilament
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

TECHNICAL CHARACTERISTICS

PERFORMANCE

Pile Height (Nominal)
Face Weight
Total Fabric Weight
Primary Backing Weight
Secondary Coating Weight
Tuft Bind
Grab Tear Strength (Average)
Lead Content
Total Yarn Linear Density
Elongation to Break
Yarn Breaking Strength
Yarn Melting Point
Stitch Rate
Machine Gauge
Flammability
Fiber Thickness (Primary/Secondary)
Fabric Width

STANDARDS

D - 5823
D - 5848
D - 5848
D - 5848
D - 5848
D - 1335
D - 5034
F - 2765
D - 1577
D - 2256
D - 2256
D - 7138
D - 5793
D - 5793
D - 2859
D - 3218
None

AVG. TEST RESULTS

IMPERIAL

0.75in
48oz/sq. yard
135oz/sq. yard
7oz/sq. yard
80oz/sq. yard
Greater than 8lbs.
Greater than 200lbs.
Less than 50ppm
5,400 Denier
Greater than 60 percent
Greater than 19lbs
248 °F
3in
3/16in
Passed
3.9mils
15ft

METRIC

1.9cm
1,628 g/sq. m
4,578 g/sq. m
238 g/sq. m
2713 g/sq. m
Greater than 3.63 kg
Greater than 91 kg
Less than 50ppm
5,940 dtex
Greater than 60 percent
Greater than 8.62 kg
120 °C
7.62 cm
0.476 cm
Passed
100 microns
4.6