



shawgrass
a synthetic turf system

Elevate 48 5mm

317SG

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|--------------------------------|------------------------|
| Yarn Description | Slit film/Nylon thatch |
| Melt Point (Tape) | 120° C |
| Melt Point (Spikezone) | 220° C |
| Linear Density (Denier, Tape)* | 8,000 |
| Linear Density (Denier, Nylon) | 4,400 |
| Specific Gravity (Tape) | 0.945 g/cc |
| Specific Gravity (Nylon) | 1.15 g/cc |
| Thickness (Tape) | 100 microns |
| Thickness (Nylon) | 100 microns |
| Yarn Break Strength (Tape) | 16 lb-F |
| Yarn Break Strength (Nylon) | 20 lb-F |
| Yarn Elongation (Tape) | 50% |
| Yarn Elongation (Nylon) | 50% |
| Total Lead Content (Tape) | < 100 ppm |
| Total Lead Content (Nylon) | < 100 ppm |

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|------------------------------|--|
| Total Weight* | 134 oz/yd ² |
| Pile Weight* | 48 oz/yd ² |
| Primary Backing Weight* | 6 oz/yd ² |
| Secondary Backing Weight** | 80 oz/yd ² |
| Average Pile Height* | 0.75" |
| Colors | Field Green (Black & White line packages only) |
| Average Tuft Bind Strength | > 6.8 lb-F |
| Average Breaking Strength | > 150 lb-F |
| Stitches Per Inch | as needed |
| Gauge | 1/4 |
| Pill Flammability | 8 of 8 pass |
| Abrasive Index | < 35 |
| Infiltration Rate | > 14 in / hr |
| Football Shoe Traction (Dry) | Initiate 1.0 Slide 0.8 |
| Football Shoe Traction (Wet) | Initiate 1.0 Slide 0.8 |
| Soccer Shoe Traction (Dry) | Initiate 1.0 Slide 0.8 |
| Soccer Shoe Traction (Wet) | Initiate 1.0 Slide 0.8 |
| Average Soccer Ball Rebound | > 0.6 m |
| Average G-Max | < 200 |

Except where noted as a minimum or maximum, the above specifications are nominal. *All values are ± 5%
**All values are ± 3 oz/yd²

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