



# STR

SYNTHETIC TURF RESOURCES

A sportgroup company



## AGILIMAX<sup>48</sup> BLACK

SKU: TXT48-B

### MATERIALS

|                                 |                           |
|---------------------------------|---------------------------|
| PRIMARY YARN POLYMER            | Polyethylene              |
| YARN CROSS SECTION              | Diamond Monofilament      |
| STANDARD COLOR                  | Black                     |
| UV STABILIZED                   | Yes                       |
| FABRIC CONSTRUCTION             | Tufted                    |
| SECONDARY YARN POLYMER THATCH   | N/A                       |
| SECONDARY YARN COLOR            | N/A                       |
| PRIMARY BACKING                 | Dual Polypropylene Layers |
| COATING TYPE                    | Urethane                  |
| POLYETHYLENE YARN DENIER / ENDS | 5,400/8                   |
| TEXTURIZED THATCH DENIER /ENDS  | N/A                       |
| SUSTAINABILITY                  | Recyclable                |
| WARRANTY PERIOD                 | 8 years                   |

### FINISH FABRIC

### ENGLISH SYSTEM

### ASTM STANDARDS

| NOMINAL SPECIFICATION        | VALUE | UNITS              | METHOD     |
|------------------------------|-------|--------------------|------------|
| PILE HEIGHT (NOMINAL)        | ¾     | inch               | D-5823     |
| FACE WEIGHT                  | 48    | oz/yd <sup>2</sup> | D-5848     |
| TOTAL FABRIC WEIGHT          | 70    | oz/yd <sup>2</sup> | D-5848     |
| PRIMARY BACKING WEIGHT       | 6     | oz/yd <sup>2</sup> | D-5848     |
| SECONDARY COATING WEIGHT     | 16    | oz/yd <sup>2</sup> | D-5848     |
| TUFT BIND                    | >8    | lbs.               | D-1335     |
| GRAB TEAR STRENGTH (AVERAGE) | >200  | lbs.               | D-5034     |
| LEAD CONTENT                 | <50   | ppm                | F-2765     |
| TOTAL YARN LINEAR DENSITY    | 5,400 | Denier             | D-1577     |
| ELONGATION TO BREAK          | >60   | %                  | D-2256     |
| YARN BREAKING STRENGTH       | >19   | lbs.               | D-2256     |
| YARN MELTING POINT           | 248   | °F                 | D-7138     |
| MACHINE GAUGE                | 3/16  | inch               | D-5793     |
| FLAMMABILITY                 | Pass  |                    | D-2859     |
| WATER PERMEABILITY           | >30   | in/hr              | DIN 18-035 |
| FABRIC WIDTH                 | 15    | ft                 | None       |

Note: Any change from the specified values is considered a special product that will require confirmation from manufacturing. All values are ± 5%.