



STR

SYNTHETIC TURF RESOURCES

A sportgroup company



REFLECTGUARD⁴²⁸

SKU: RG05

MATERIALS

PRIMARY YARN POLYMER	Nylon
YARN CROSS SECTION	Flat
STANDARD COLOR	Turf Green
UV STABILIZED	Yes
FABRIC CONSTRUCTION	Tufted
SECONDARY YARN POLYMER THATCH	Nylon
SECONDARY YARN COLOR	Green/Tan
PRIMARY BACKING	Dual Polypropylene Layers
COATING TYPE	Urethane
POLYETHYLENE YARN DENIER / ENDS	6,500/9
TEXTURIZED THATCH DENIER / ENDS	4,200/8
SUSTAINABILITY	Recyclable
WARRANTY PERIOD	2 - 15 years

FINISH FABRIC

ENGLISH SYSTEM

ASTM STANDARDS

NOMINAL SPECIFICATION	VALUE	UNITS	METHOD
PILE HEIGHT (NOMINAL)	1¼	inch	D-5823
FACE WEIGHT	65	oz/yd ²	D-5848
TOTAL FABRIC WEIGHT	91	oz/yd ²	D-5848
PRIMARY BACKING WEIGHT	6	oz/yd ²	D-5848
SECONDARY COATING WEIGHT	20	oz/yd ²	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	10,700	Denier	D-1577
ELONGATION TO BREAK	>60	%	D-2256
YARN BREAKING STRENGTH	>19	lbs.	D-2256
YARN MELTING POINT	428	°F	D-7138
MACHINE GAUGE	3/8	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%.