## PL959



PROPERTY	DESCRIPTION			
Primary/Stalk Yarn Type:	Nylon			
Secondary/Thatch Yarn Type:	Nylon			
Yarn Cross Section:	Texturized Nylon with Texturized Nylon Thatch			
Standard Color(s)*:	Forest with a Forest/Olive Thatch			
UV Stabilized:	Yes			
Fabric Construction:	Tufted			
Primary Backing:	ArmorLoc <sup>™</sup> 3L Stabilized Woven PP/PET Multilayer			
Coating Type(s):	SilverBack™ Polyurethane/ 5mm Polyurethane Foam			
Perforations:	Optional on SilverBack <sup>™</sup> Custom Only on Foam			
Yarn Denier/Ends:	Stalk: 6000/8 Thatch: 4400/8			
Pile Height:	1-1/8"			
Face Weight:	56 oz/yd²			
Fabric Width:	15 ft.			



## **APPLICATION**

This multipurpose turf system was designed with versatility, durability, and performance in mind. It features a pile height of just over one inch and a texturized yarn construction that eliminates the need for infill material. PL959 features a three-color blend that provides this surface with a truly authentic, natural grass appearance. It is suited for landscaping applications such as playgrounds and green spaces, as well as sports applications such as training facilities, chipping areas and fringes around putting greens. Made 100% out of nylon, it has achieved the esteemed Class A, ASTM E108 rating for rooftop applications, as it can withstand extreme conditions and temperatures up 428°F.









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FINISHED FABRIC	ENGLISH	SYSTEM	METRIC	SYSTEM	ASTM TEST F-1551
Nominal Specification	Value	Units	Value	Units	Method
Pile Height (Nominal)	1.125	ln.	28.56	mm.	D-5823
Face Weight	56	oz/yd²	1,899	g/m²	D-5848
Total Fabric Weight (SilverBack™)	83	oz/yd²	2,814	g/m²	D-5848
Total Fabric Weight (5mm Foam)	141	oz/yd²	4,781	g/m²	D-5848
Primary Backing Weight (SilverBack™)	7	oz/yd²	237	g/m²	D-5848
Primary Backing Weight (5mm Foam)	85	oz/yd²	2,882	g/m²	D-5848
Tuft Bind	>8	lbs.	>3.6	Kg.	D-1335
Grab Tear Strength (Average)	>200	lbs.	>91	Kg.	D-5034
Lead Content	<50	ppm	<50	ppm	F-2765
Total Yarn Linear Density	10,400	Denier	17,553	D-Tex	D-1577
Tensile Strength	8	lbs.	3.63	Kg.	D-5034
Stitch Rate	11.5	Per 3"	15.1	Per 10 cm	D-5793
Machine Gauge	.25	ln.	.96	Cm.	D-5793
Flammability	TEST	PASSED	TEST	PASSED	D-2859
Water Permeability with Infill, Perforated	>30	In./Hr.	>76	Cm./Hr.	F-1551
Fiber Thickness	-	-	235	microns	D-3218



