

Arizona Turf Store

NVY1, Envy Pro Technical Data

Product Properties

Property	Imperial Unit	Metric Unit	Description
Fiber Type			Polyethylene / Polypropylene
Fiber Mass	10800 denier 5000 denier Root Zone	12000 d tex 5600 d tex Root Zone	6 ply MS PRO 8 ply TXT thatch Every other needle
Pile Height *	1.75 in	44.5 mm	
Color (s)			Field Green/Olive Thatch: Brown/Field Green
Tufting Gauge **	¼		
Stitch Rate **	9.0 / 3 in	1.18 / cm	
Primary Backing	7.0 oz/yd ²	237 g/m ²	Stabilized dual layered woven polypropylene
Secondary Backing	9.0 oz/yd ²	305 g/m ²	DuraFlo
Non Woven Scrim	2.7 oz/yd ²	91.5 g/m ²	

Performance Properties

Property	Imperial Unit	Metric Unit	Test Method
Face Weight	50.0 oz/yd ²	1695 g/m ²	ASTM D418
Total Weight	68.7 oz/yd ²	2329 g/m ²	ASTM D418
Permeability	TBD	TBD	DIN 18-035, part 6
Tuft Bind	6 lb - f	26.7 n	ASTM D1335
Grab Tear MD	200 lb	91 kg	ASTM D5034
Grab Tear CMD	200 lb	91 kg	ASTM D5034
Infill Amount, recommend	½ of Pile Height		

Packaging

Property	Imperial Unit	Metric Unit	Description
Item Number			NVY1
Roll Width	15 ft.	4.57 m	
Roll Length ***	50 ft.	15.2 m	
Area per Roll ***	750 ft. ²	69.7 m ²	
Total Roll Weight	358 lbs.	162 kg	

Challenger Industries is not responsible for typing errors.



Monoslide™ Pro



* Tufted pile height as standard. Pile height will draw down slightly during secondary backing process

** Tufting gauge and stitch rate as manufactured standard. Values will change slightly during secondary backing process

*** Standard roll lengths. Roll lengths may vary. Custom roll lengths and cuts are available upon request.