



Technical Data: Sierra Pro-70

Product Properties	Property	Imperial Unit	Metric Unit	Description
	Fiber Type			Polyethylene Monofilament and Polypropylene Curled as Thatch
	Fiber Mass	Denier 10800/4400 Monofilament	Detex 12444/4840 Monofilament	Polyethylene
	Pile Height	1-3/4 in.	45 mm	
	Color(s)			2/3 Field Green, 1/3 Lime Green w/ Brown Thatching
	Tufting Gauge	3/8 in.	9.53 mm	
	Stitch Rate	12/ 3 in.	1.5/cm	
	Stitches	1,464/ft ²	15750/m ²	
	Primary Backing	7.4oz./yd ²	251g/m ²	Polypropylene and Polyester fiber
	Secondary Backing	21oz/yd ² ±5%	712g/m ² ±5%	Urethane
	Total Carpet Weight	28.4 oz/yd ² ±1.5oz	963g/m ² ±50g	
	Micron	180		
Performance Properties	Property	Imperial Unit	Metric Unit	Test Method
	Face Weight	70 oz./yd ²	2372 g/m ²	ASTM D41
	Total Weight	98.4 oz./yd ²	3335 g/m ²	ASTM D41
	Permeability	23 gallon/yd ² /min.	104 liter/m ² /min.	DIN 18-035, part 6
	Melting Point	176 °F for blades (green) 300 °F for thatch (brown curled)	80 °C for blades (green) 149 °C for thatch (brown curled)	
	Tuft Bind	18 lb-f	80N	ASTM-D1335
	Grab Tear MD	398.31 lb-f	181.09Kg/ (1770N)	ASTM-D5034-05
	Grab Tear CMD	398.31 lb-f	181.09Kg/ (1770N)	ASTM-D5034-05
	Infill Amount recommend	¾ of the Pile Height		
Packaging	Property	Imperial Unit	Metric Unit	Description
	Model Number			Sierra Pro-70
	Roll Width	15 ft.	4.57 m	
	Roll Length	100 ft.	30.48 m	
	Area per Roll	1500 ft. ²	139.36 m ²	
	Total Roll Weight	700 lbs.	318 kg	