



Technical Data: Spring-50

Product Properties	Property	Imperial Unit	Metric Unit	Description
	Fiber Type			Polyethylene Monofilament and Polypropylene Curled as Thatch
	Fiber Mass	Denier 9900 Monofilament	Detex 11000 Monofilament	Polyethylene
	Pile Height	1-5/8 in.	40.13 mm	
	Color(s)			Lime Green and Emerald Green w/ Brown Thatching
	Tufting Gauge	3/8 in.	9.53 mm	
	Stitch Rate	12/ 3 in.	1.5/cm	
	Stitches	1464/ft ²	15750/m ²	
	Primary Backing	7oz./yd ²	261g/m ²	Polypropylene and Polyester fiber
	Secondary Backing	21oz/yd ² ±5%	712g/m ² ±5%	Urethane
	Total Carpet Weight	28oz/yd ² ±1.5oz	963g/m ² ±50g	
	Micron	180		

Performance Properties	Property	Imperial Unit	Metric Unit	Test Method
	Face Weight	50 oz./yd ²	1695 g/m ²	ASTM D41
	Total Weight	78 oz./yd ²	2643 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	9.5 lb-f	42N	ASTM-D1335
	Grab Tear MD	210.22 lb-f	95.65Kg/ (935N)	ASTM-D5034-05
	Grab Tear CMD	210.18 lb-f	95.63Kg/ (935N)	ASTM-D5034-05
	Infill Amount recommend	¾ of the Pile Height		

Packaging	Property	Imperial Unit	Metric Unit	Description
	Model Number			Spring-50
	Roll Width	15 ft.	4.57 m	
	Roll Length	100 ft.	30.5 m	
	Area per Roll	1500 ft. ²	139.4 m ²	
	Total Roll Weight	650 lbs.	295 kg	



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