



Technical Data: GST-80A78-S

Product Properties	Property	Imperial Unit	Metric Unit	Description
	Fiber Type			Polyethylene Monofilament and Polypropylene Curled as Thatch
	Fiber Mass	Denier 10800 Monofilament	Detex 12000 Monofilament	Polyethylene
	Pile Height	1 7/8 in.	46.99 mm	
	Color(s)			Emerald Green w/ Brown Thatching
	Tufting Gauge	3/8 in.	9.52 mm	
	Stitch Rate	10/ 3 in.	1.3/cm	
	Stitches	1268/ft ²	13650/m ²	
	Primary Backing	7.7 oz./yd ²	261g/m ²	Polypropylene and Polyester fiber, short-staple and Mesh scrim inlay
	Secondary Backing	31.9oz/yd ² ±5%	1080g/m ² ±5%	Latex
	Total Carpet Weight	39.6oz/yd ² ±1.5oz	1341g/m ² ±50g	

Performance Properties	Property	Imperial Unit	Metric Unit	Test Method
	Face Weight	80 oz./yd ²	2712 g/m ²	ASTM D41
	Total Weight	120 oz./yd ²	4069 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 <i>recommend</i>	¾ of the Pile Height		

Packaging	Property	Imperial Unit	Metric Unit	Description
	Model Number			GST-80A78-S
	Roll Width	13 ft.	3.96 m	
	Roll Length	50 ft.	15.24 m	
	Area per Roll	650 ft. ²	60.39 m ²	
	Total Roll Weight	400 lbs.	181 kg	