



Velcro USA Inc.

Technical Data Sheet

Velcro® Brand Hook

Material Description

Name: Hook 81
Material: Polyester with 8224 FR / PSA Adhesive
Color:¹ Various

Dimensional Specifications

Width: 2/32" min to 4/32" max with selvedge
Weight:² 5.75 oz/ft² (maximum)
Thickness:³ 0.050 inches (minimum)
Roll Length: <100 yards (-0, +12 inches)
>= 100 yards (-0, + 1% of target value)

¹Contact your Customer Service Specialist for more information on all available colors and widths.

Performance Specifications

Testing	Minimum	Test Method
Closure Peel Strength	0.5 pound per inch width	40011
Closure Shear Strength	11.0 pound per square inch	40012
Flammability Testing	Burn Length 8" max	FAR 25.853 Vertical (12 sec)
	Ext. Time 15s max	
	Drip Time 5 s max	
	Max Burn Length Avg. 6.0"	
Max Flame Time Avg. 15s		
Max Drip Time Avg. 3s		
Adhesive Peel Strength	11.0 pound per inch width	40021

Test with: LP9000 (prior to PSA application)

Test Substrate: Mil Finish Aluminum

² Weight based on a 1" x 12" mated sample

³ Based on tape thickness prior to PSA application

Velcro® brand Hook 081-8224; meet the requirements of BMS 8-285-J (Polyester Type IV Class 1)

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