

Technical Data Sheet

Standard Sew On Hook & Loop Fastener

Product Description:

Halco's Standard Grade Un-backed Hook & Loop Fastening Tape is a general purpose fastener suitable for a wide variety of applications. This product is 100% nylon and exhibits a high peel & shear strength along with an excellent life cycle. This fastener is also available with a FR coating that meet FAA & FMV specifications and conforms to Mil-Spec AA-55126A.

Widths Available: 1/2" (12.7mm) - 7" (175mm) Custom Widths: Yes

Die Cut Lengths & Shapes: Yes

Supplied in Black, White or 18 standard colors - Material and be dyed to match any Pantone Color

Available on 27.5 yard, 50 yard and 1100 yard rolls.

TECHNICAL DATA - WIDTH: 1" (25.4mm)

Hook (SBH100) / Loop (SBL100)

Product	Hook (SBH100)	Loop (SBL100)
Construction	Woven	Woven
Material	100% Nylon	100% Nylon
Fabric Weight (ASTM D3776)	0.007 oz/inch	0.008 oz/inch
Thickness	0.077" (1.96mm)	0.082" (2.08mm)
Engaged Thickness	0.131" (3.32mm)	
Melting Point	200 °C (392 °F)	200 °C (392 °F)
Per Square Inch	306 Hooks	612 Loops

PERFORMANCE DATA

Product	Hook (SBH100)	Loop (SBL100)
Peel Strength (ASTM D5170)	1.12 Lbf	
Shear Strength (ASTM D5169)	22.7 Lbf	
Stitch Tear Strength (ASTM D2261)	4.4 lbs	4.4 lbs
Breaking Strength (ASTM D5035)	205 Lbf	169 Lbf
Durability (ASTM D5170)	2,000 peels - 30% closure strength reduction	
	5,000 peels - 35% closure strength reduction	
	10,000 peels - 45% closure strength reduction	
	20,000 peels - 50% closure strength reduction	
Color Fastness (AATCC M61 1A)	3	3

Recommended Storage Conditions:

65°F - 75°F (18°C - 24°C) with relative humidity of 40% - 60%

Storage & Shelf Life

Halco USA products should be stored at room temperature conditions and 50% relative humidity. Storage in extreme temperatures/direct sunlight may affect shelf life and product performance.

If stored according to Halco USA guidelines, the product shelf life is 24 months from date of shipment.

Technical Information

Halco USA provides Technical Data on all products. Test data and recommendations are based on Certified Laboratory testing and general industry guidelines believed by Halco USA to be accurate. However, such information is not guaranteed.

When used under normal circumstances no Halco product presents a Health & Safety hazard. Regulation information such as REACH, RoHS, California Prop 65, FDA Etc. is supplied on a product by product basis.

Product Use

Many factors affect product performance beyond Halco USA's control. The user is solely responsible for evaluating Halco USA products and confirming prior to use that:

- The product is suitable for the purpose for which the buyer requires it.
- The product is fit for the users method of application.
- The lifespan of the product and performance over time is suitable.
- The product meets any specifications required by the user.

Warranty & Liability

Halco USA only warrants that products meet the applicable Halco USA product specifications at the time of shipment. Halco USA provides no other warranties whatsoever.

Should any product subsequently prove to be unsuitable Halco USA shall not be held liable for any indirect, incidental, consequential damage or loss incurred.

Should any product not meet Halco specifications then Halco USA's only remedy is replacement Halco USA product or purchase price refund.

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