



Halco Fasteners Inc.
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Technical Data Sheet Type 4 Rubber PSA Fastener

Product Description:

Halco’s standard Rubber Type 4 Adhesive system provides an immediate grab when adhered to most surfaces. The quick cure time results in having a strong Peel & Shear strength. This adhesive should be used indoors and should not be exposed to direct sunlight or outdoor elements. This product is ideally suited for print, display, tradeshow and general industrial applications.

Hook and Loop Widths Available: 1/2” (12mm) - 6” (150mm) Custom Widths: Yes

Die Cut Lengths & Shapes: Yes - Standard Paper Liner

Hook and Loop Supplied in Black, White or 18 standard colors - Material can be dyed to match Pantone Colors
 Available on 27.5 yard, 50 yard and 1100 yard rolls.

TECHNICAL DATA - WIDTH: 1” (25.4mm)

Hook Part # ABH100 - Loop Part # ABL100

Product	Type 4 Rubber
Construction	Rubber
Release Liner	White Paper
Adhesive Color	CLEAR
Thickness	9-10 Mil
Shear Adhesion Fail Temperature	122 °F (50 °C)
Temperature Min	32 °F (0 °C)
Temperature Max	122 °F (50 °C)

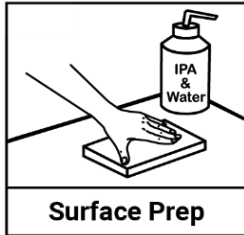
PERFORMANCE DATA

(When tested On Stainless Steel)

Product	Hook (ABH100)	Loop (ABL100)
Adhesive 180° Peel Strength(PSTC-1)	42.33 oz/cm (6.72 lb/in)	
Holding Power(PSTC-107)	250 min	
Typical Substrates	Aluminum, Plywood, PET, Stainless Steel, Polyacrylic, PC, PE	
To Be Avoided	Flexible PVC, EVA	
Application Temperature	65°F - 75°F (18°C - 24°C) with relative humidity of 40% - 60%	
Cure Time	80% adhesion within 1 hour. Full strength adhesion within 24 hours	

Application Techniques

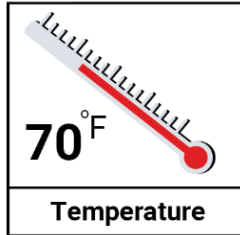
1.



Surface Prep

Clean surface with
IPA + Water Solution

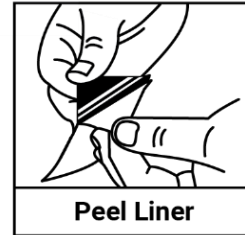
2.



Temperature

Apply adhesive to
surface at room temperature

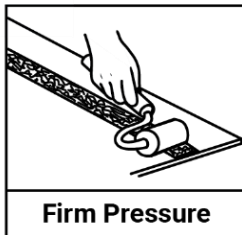
3.



Peel Liner

Remove liner from
adhesive before applying

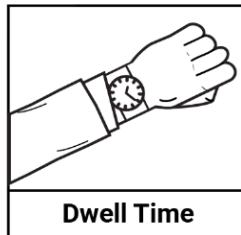
4.



Firm Pressure

Apply firm pressure to
fastener for full contact

5.



Dwell Time

Typical time for full adhesion
24hours

For more
information on
how to apply
adhesives, please
contact a Halco
representative

Surface Contact

It is essential to apply Pressure Sensitive Adhesives (PSA) to surfaces that are clean and free of grease, dust and release agents. Optimum bond strength is dependent on sufficient surface contact.

Initial Contact



After Rubdown



After Dwell Time



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 18 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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