

VELCRO® Brand

# ALFA-LOK® Fastener with SilverTape® 6411 Low Surface Energy






## Features

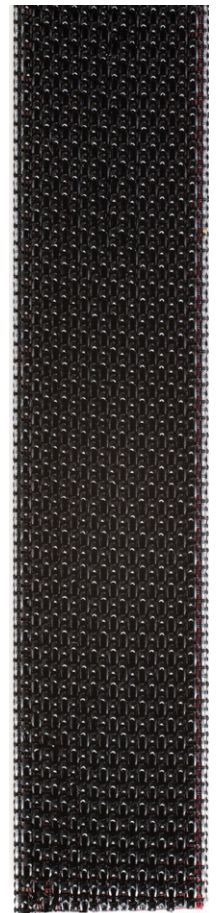
- Free positionable, re-closable fastening system
- High Performance double sided acrylic foam tape
- Suitable for high, medium and low surface energy materials such as glass, metals, plastics, ceramics and (powder) coatings

## Compatibility Surfaces

SUBSTRATES	VELCRO® Brand ALFA-LOK® Fastener
GLASS	+* (2)
ALUMINUM (ANODIZED, RAW)	+
STEEL (STAINLESS, GALVANIZED)	+
PLYWOOD/MDF	+
FORMICA (POLISHING SIDE)	+
CARDBOARD	+
PAINTED WALLBOARD	+
CONCRETE	+* (1)
STONE	+* (1)
ABS	+
POLYESTER	+
VINYL	+
POLYACRYLIC/PMMA	+
POLYCARBONATE	+
POLYETHYLENE	+
POLYPROPYLENE	+
FABRICS	+

## Performance Specifications

Testing	Minimum Value
<b>BASE MATERIAL</b>	Modified Solvent based Acrylic Polymer
<b>ADHESIVE COLOUR</b>	Black
 <b>TEMPERATURE RANGE OF USE</b>	Long Term: From -40 °C to +90 °C Short Term: 120 °C
 <b>PEEL 180° ADHESION (FINAT-FTM 01) (AVERAGE)</b>	12 N/cm * 15 N/cm * - (after 24 h)
<b>SOFTENING POINT</b>	90 °C
 <b>STATIC SHEAR (ASTM 3654)**</b>	1,000 gr. at 22 °C 500 gr. at 66 & 93 °C 250 gr. at 121 °C
<b>TACK</b>	Medium/Low
<b>APPLICATION METHOD</b>	Pressure
<b>APPLICATION</b>	High, medium and low surface energy



\* Average according typical values.  
The specifications are as a reference and are pending to confirm.  
\*\* Weight that ½ square inch will hold 10,000 minutes (7 days).

- Not Recommended  
 + Recommended  
 +\* (1) Recommended with AFTC 101 Primer  
 \* (2) Recommended with AFTC 201 Primer




**PRODUCT USE.** The information, statements and comments contained within this document are based on our experience and testing and are believed to be accurate. However, because there are many factors involved in specific applications that can impact end use and performance, product users should always test the product for its ability to meet the requirements of their specific use and method of application.

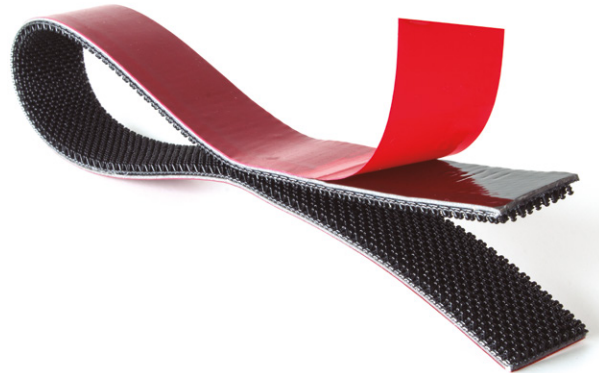
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## ALFA-LOK® Fastener Closure Characteristics



### SELF-ENGAGING MUSHROOM

CHARACTERISTICS	VELCRO® Brand ALFA-LOK® Tape
DENSITY	48 heads/cm <sup>2</sup>
CONSTRUCTION	Woven quadrilobal mushroom tape
BASE MATERIAL	<b>Base:</b> Polyester
	<b>Mushrooms:</b> Polypropylene
FASTENER	Self-engaging
CYCLE LIFE	-
 PEEL STRENGTH (AVERAGE)	2 N/cm
 SHEAR STRENGTH (AVERAGE)	50 N/cm <sup>2</sup>
 TENSILE DISENGAGEMENT (AVERAGE)	40 N/cm <sup>2</sup>
STANDARD COLOURS	Black
STANDARD WIDTHS	25mm
STANDARD PUT-UPS	25m rolls with flanges
	Cut pieces (customized)



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