

VELCRO® Brand

# ALFA-LOK™ Fastener with **AFTC 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	+
ALUMINUM (ADONIZED, RAW)	+
STEEL (STAINLESS, GALVANIZED)	+
PLYWOOD/MDF	+
FORMICA (POLISHING SIDE)	+
CARDBOARD	+
PAINTED WALLBOARD	+
CONCRETE	+
STONE	+
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
 °C <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).

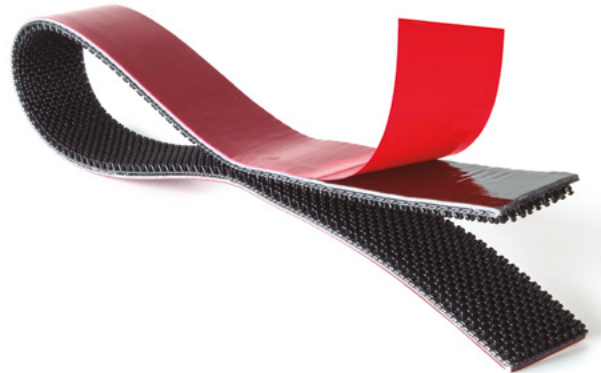
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## ALFA-LOK™ Fastener Closure Characteristics



### SELF-ENGAGING MUSHROOM

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



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