

VELCRO® Brand

# ALFA-LOK™ Fastener with **AFTC** SilverTape® 5345 General Purpose

**NEW**

## Features




- Free positionable, re-closable fastening system
- High Performance double sided acrylic foam tape
- Suitable for high and medium surface energy material such as glass, metals and several plastics

## Compatibility Surfaces

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

- Not available    + Recommended

## Performance Specifications

Testing	Minimum Value
<b>BASE MATERIAL</b>	Modified Solvent based Acrylic Polymer
<b>ADHESIVE COLOUR</b>	White
 <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>	11 N/cm * 14 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
<b>TACK</b>	Medium/Low
<b>APPLICATION METHOD</b>	Pressure
<b>APPLICATION</b>	High and medium surface energy, general use

\* 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
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	
 <b>PEEL STRENGTH</b> (AVERAGE)	2 N/cm
 <b>SHEAR STRENGTH</b> (AVERAGE)	50 N/cm <sup>2</sup>
 <b>TENSILE DISENGAGEMENT</b> (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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# ALFA-LOK™ Fastener with **AFTC** SilverTape® 6411 Low Surface Energy

**NEW**

## 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)	+
CARBOARD	+
PAINTED WALLBOARD	+
CONCRETE	+
STONE	+
ABS	+
POLYESTER	+
VINYL	+
POLYACRYLIC/PMMA	+
POLYCARBONATE	+
POLYETHYLENE	+
POLYPROPYLENE	+
FABRICS	+

- Not available   
 + Recommended

## 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 ill hold 10,000 minutes (7 days).



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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	
 <b>PEEL STRENGTH</b> (AVERAGE)	2 N/cm
 <b>SHEAR STRENGTH</b> (AVERAGE)	50 N/cm <sup>2</sup>
 <b>TENSILE DISENGAGEMENT</b> (AVERAGE)	40 N/cm <sup>2</sup>
STANDARD COLOURS	Black
STANDARD WIDTHS	25mm
STANDARD PUT-UPS	25m rolls with flanges
	Cut pieces (customized)

