

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

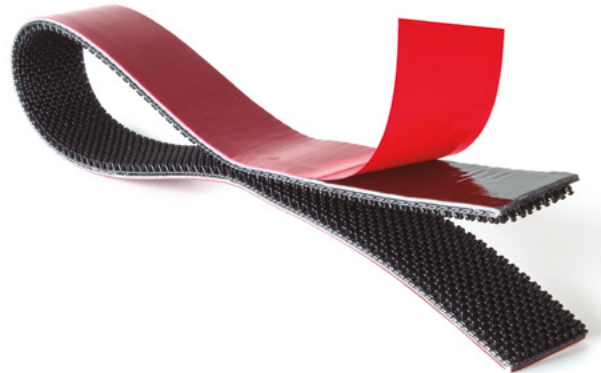
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ALFA-LOK™ Fastener Closure Characteristics



SELF-ENGAGING MUSHROOM

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



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