

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	+

- Not available
 + Recommended

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).






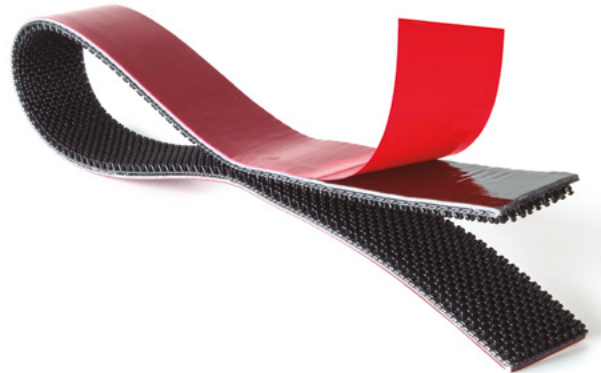
VELCRO® Brand

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)



GLOBAL SERVICES

Velcro Group Corporation
265 Franklin Street – 19th floor
Boston – MA 02110
USA
Tel: (+617) 946 5501
Velcro.com

AMERICAS

USA

Velcro USA Inc.
Tel: (+800) 225 0180
marketing@velcro.com
Velcro.com

Canada

Velcro Canada Inc.
Tel: (+800) 683 5276
canada@velcro.com
Velcro.com

Mexico

Velcro de México, S.A. de C.V.
Tel: (+52) 55 5005 3300
velcrodemexico@velcro.com
Velcrodemexico.com

Brazil

Velcro Brasil Ltda.
São Paulo
Tel: (+55) 11 4195 6644
contato@velcro.com
Velcro.com.br

Uruguay

Velcro Industrial
del Uruguay S.A.
Tel: (+598) 2288 0008
infovurg@velcro.com
Velcro.com

EMEA

Spain

Velcro Europe S.A.
Tel: (+34) 93 758 32 98
infovesa@velcro.com
Velcro.es

Germany

Velcro GmbH
Stuttgart
Tel: (+49) 7141 991 19-0
infovgmbh@velcro.com
Velcro.de

Gronau

Tel: (+49) 2562 96 45-0
infovgmbh@velcro.com
Velcro.de

France

Velcro Industries France S.A.S.
Tel: (+33) 1 34 38 78 88
infovif@velcro.com
Velcro.fr

Belgium

Alfatex N.V.
Tel: (+32) 9 386 12 18
infofobe@velcro.com
Alfatex.com

Italy

Velcro Italia, S.R.L.
Tel: (+39) 039 62 70 01
infoveit@velcro.com
Velcro.it

UK

Velcro Ltd.
Tel: (+44) 1606 73 88 06
infovold@velcro.com
Velcro.co.uk

Poland

Alfatex Sp. z o.o.
Tel: (+48) 71 798 57 89
infovpl@velcro.com
Alfatex.pl

APAC

Australia

Velcro Australia Pty. Ltd.
Tel: (+61) 3 9703 2466
sales@velcro.com.au
Velcro.com.au

China

Velcro China Fastening
Systems Company Limited
Tel: (+86) 21 6045 2090
(Shanghai Sales Office)
chinamarketing@velcro.com
Velcro.com.cn

Hong Kong

Velcro Hong Kong Ltd.
Tel: (+852) 2570 3698
hkenquiry@velcro.com
Velcro.com.hk