

## HOOK AND LOOP SELF-ADHESIVE FASTENER (70 % NYLON-30 % PET)

### KEY FEATURES

- Adhesion to smooth, porous and rough surfaces.
- Fastening system with non-removable extra strong adhesive.
- **Washable and durable (+10,000 washes).**
- Resistant to diluted acids and alkalis at low temperatures, trichlorethylene and solvents for dry cleaning.
- **Product available with and without adhesive.**
- Excellent adhesion on a wide range of substrates: aluminum, stainless steel, glass, plywood, painted walls, formic, polyester and polyacrylic.
- **Complies with the ecological requirements established in standard 100 of the OEKOTEX® certificate, being a class I product.**



**Self-adhesive** closure system composed of a **70% nylon – 30% PET** extruded support with a synthetic resin finish covered by a solvent-based acrylic adhesive and protected by a white silicone paper liner. Excellent counter-type of the Velcro brand.

Ideal product for temporary fasteners and closures in curtains, fabrics, work clothes, light objects, etc.

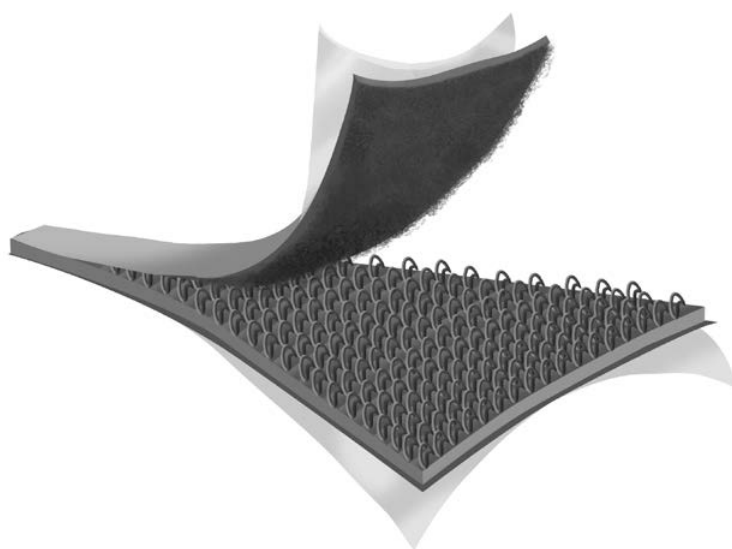
Available colors:



Available liner colors:



### PRODUCT COMPOSITION



#### CARRIER

Carrier: Extruded 70 % Nylon - 30% PET with synthetic resin finish

#### ADHESIVE TYPE

Solvent acrylic

#### LINER

Siliconized paper



## TECHNICAL CHARACTERISTICS

ADHESIVE PROPERTIES	VALUES	METHOD
Total thickness	1,7 – 2,05 mm	INTERNAL
Weight	300 g/m <sup>2</sup>	INTERNAL
<b>Peel strength of Velcro tape</b> Original sample > 10.000 cycles opening & closing	3,50 N/cm 0,98 N/cm	ASTM D-5170
<b>Shear resistance of Velcro tape</b> Original sample > 10.000 cycles opening & closing	10,6 N/cm <sup>2</sup> 3,8 N/cm <sup>2</sup>	ASTM D-5169
<b>Dimensional stability to Washing</b> Original sample After 1 wash Shrinkage	35 cm (♂) / 34,7 cm (♀) 34,9 cm (♂) / 34,6 cm (♀) -0,3 % (♂) / -0,3 % (♀)	EN ISO 5077 EN ISO 3759 EN ISO 6330
<b>Dimensional stability to Drycleaning</b> Original sample After 1 dryclean Shrinkage	34,9 cm (♂) / 33,9 cm (♀) 34,8 cm (♂) / 34,0 cm (♀) -2,9 % (♂) / -2,6 % (♀)	EN ISO 3759 EN ISO 3175
Adhesion to steel	1,5 N/cm	ASTM D-3330
Adhesive shear resistance	7,5 N/cm	ASTM D-3330
Softening temperature	180 °C	INTERNAL
Fusing temperature	215 °C	INTERNAL

The given values are typical values obtained in specific conditions of temperature, loads and adhesive surface determined by norm. The user must determine if the tape is suitable for their specific application by testing the product. In case help is needed, ATyT will provide you with professional customer support and recommendation, indicating which tape suits best your needs.

PROPERTIES	VALUES	METHOD
<b>Change in shade after 1 was</b>	★ ★ ★ ★ ☆	UNE-EN ISO 105 C-10
<b>Staining on multi-fiber stripe:</b> Acetate Cotton Nylon PET Acrylic Wool	★ ★	UNE-EN ISO 105 C-10
<b>Colour Fastness to Drycleaning</b>	★ ★ ★ ★ ☆	UNE-EN ISO 105 D01-2010
<b>Staining on multi-fiber stripe:</b> Acetate Cotton Nylon PET Acrylic Wool	★ ★	UNE-EN ISO 105 D01-2010
<b>Colour Fastness to Rubbing</b> Dry Staining: Wet Staining:	★ ★ ★ ★ ★ ★ ★ ★ ★ ★	UNE-EN ISO 105-X12



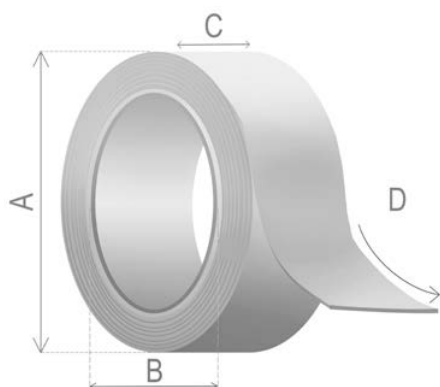
## APPLICATIONS

- Fixing of products, components and coatings for closing doors, suitcases and covers.
- Used in industries such as automotive, electronics, electrical, textile, decoration, furniture and advertising fields.
- Its application on surfaces such as PVC or vinyl is not recommended.
- Offers a reliable and convenient one-piece solution for a wide range of projects going from cable management to production of packages for retail shelves.
- Applications in the textile industry, trade fairs or even for printing finishes.



Surfaces to which tape is applied should be clean, dry and free of grease, oil, moisture, dirt and other contaminants. Sufficient pressure should be applied during application. If not, it will affect the properties and appearance of the product.

## STANDARD PRESENTATION:



Outer diameter (A)	8 mm		162 mm	
Core diameter (B)	40 mm			
Width (C)	20 mm	50 mm	100 mm	
Length (D)	1 m		25 m	

Any other length and width available on request. Check conditions. The product can be supplied with a multitude of different types of presentation (see conditions). Among others, we highlight: the personalization of the core, the personalized plastic packaging, the shrink wrapping and the labeling of the tape.



## STORAGE CONDITIONS

For better conservation of properties, product should be stored in its original packaging, between 20 and 30° C, preserved from direct exposure to sun and moisture. It is recommended to use the product within 12 months, since dispatching date.



## GENERAL WARRANTY CONDITIONS

ATyT recommends applying the product only on clean, dry and free of grease, oil or other contaminants surfaces.

Product properties are typical and should not be considered specifications. They are based on tests believed to be reliable and performed conformance with recommended test methods. Values are expected to be used for comparison purposes only; they do not represent a manufacturer guarantee. Before using, the client should determine whether the product is fit for a particular purpose and for the user's method of application.

