














# Datasheet

## Hook and Loop Tape

### Description

- Hook tape : woven Nylon tape with Ø 0.2 mm monofilament hooks. 50 hooks/cm<sup>2</sup>
- Loop tape : woven Nylon tape with texturized loops.
- Widths : 16 mm, 20 mm, 25 mm, 30 mm, 38 mm, 50 mm and 100mm
- Colours : 13 standard colours. Others upon request.

												
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### Applications

- Recommended for high cycle life applications.

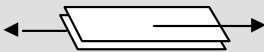
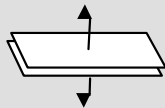
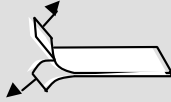
### Method of attachment

- Sewing
- Self-adhesive
- Stapling
- Welding
- Gluing.

### Packaging

Widths	16mm	20mm	25mm	30 mm	38 mm	50mm	100mm
2x25 meter rolls	200 m	300 m	250 m	200 m	150 m	200 m	100 m

### Performances

Resistance	Shear Strength (cN/cm <sup>2</sup> )	Tension Strength (cN/cm <sup>2</sup> )	Peel Strength (cN/cm)
Cycle life			
New state	1060	600	150
5000 operations	650	450	130
10 000 operations	590	430	90

The above values are average values obtained according to the French norm NF G 91-103.

cN ~ g

## Technical characteristics

<b>PHYSICAL CHARACTERISTICS</b>	<ul style="list-style-type: none"> <li>▪ Weight of closure: 0,072 g/cm²</li> <li>▪ Height: Loop: 2,8 mm (± 0,2)</li> <li>▪ Hook: 1,95mm (± 0,2)</li> <li>▪ Closure thickness: 3,2 mm</li> <li>▪ Width tolerance: ± 1 mm</li> <li>▪ (except for 100 mm: 105 ± 2 mm)</li> <li>▪ Selvedge width: 2,5 mm</li> <li>▪ (except 16 mm, 20 mm and 50 mm: 2,0 mm)</li> <li>▪ Tape's breaking strength: 20 daN/cm</li> <li>▪ Breaking stretch: 50% maxi.</li> <li>▪ Welding's breaking strength: 10 daN/cm</li> </ul>
<b>EFFECTS OF TEMPERATURE</b>	<ul style="list-style-type: none"> <li>▪ Cold increases closure strength</li> <li>▪ +30% at -18°C (0°F)</li> <li>▪ +100% at -50°C (-60°F)</li> <li>▪ Resists heat up to 140°C (280°F)</li> <li>▪ Melting point: 260°C (500°F)</li> <li>▪ Exposure of tape to sunlight for extended period of time not recommended, use aplix 810 (polyester).</li> </ul>
<b>REACTION TO LIQUIDS</b>	<ul style="list-style-type: none"> <li>▪ Maximum shrinkage in boiling water: &lt; 2%</li> <li>▪ Maximum humidity absorption: 6,25%</li> <li>▪ With liquids (especially with sea water), preferably use aplix 810 (polyester).</li> <li>▪ Washable at 95°C (203°F)</li> </ul>
<b>RESISTANCE TO CHEMICALS</b>	<ul style="list-style-type: none"> <li>▪ Resists strong alkalis, trichlorethylene, acetone, acids, hydrocarbons and alcohols.</li> </ul>
<b>COLOURFASTNESS</b>	<ul style="list-style-type: none"> <li>▪ French certifications: NF G07. 093-6/ISO 105-C06: washing at 95°C NF G07. 019-5/ISO 105-X05: dry cleaning AS 191 A: class</li> </ul>
<b>GENERAL F</b>	<ul style="list-style-type: none"> <li>▪ oclave, ironing when</li> </ul>

## Coatings and specific treatments

DESIGNATION	CODE
Pressure sensitive adhesive	(-A-)
Fire retardant adhesive	(-D-)
High temperature adhesive	(-L-)
Fire retardant	(-I-)
Solvent activated and high frequency	(-K-)

## Certifications

<b>Military</b>	<b>Shoe and industry laboratories</b>	<b>Fire Certifications (aplix® 800 IG)</b>
<ul style="list-style-type: none"> <li>▪ OTAN : F 2522</li> <li>▪ USA ASL-CT-125</li> </ul>	<ul style="list-style-type: none"> <li>▪ NF G91-101 à G91-107</li> <li>▪ France : NF G62-021</li> <li>▪ Germany : PFI n° 820183</li> <li>▪ Netherlands : TNO N° 84/245</li> </ul>	<ul style="list-style-type: none"> <li>▪ FAR 25-853 b</li> <li>▪ NF G07-184 classe B</li> <li>▪ NF 16.101 Classe I 3</li> <li>▪ ABD 0031</li> <li>▪ FMVSS-302</li> </ul>

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