

# Polyester Hook & Loop 810

## Description

- Woven polyester hook and polyester loop tapes.  $\geq 50$  hooks/cm<sup>2</sup>
- Widths: 25 mm and 50 mm.
- Colors :    
00 008

Availability, please contact us

## Applications

- Recommended for underwater and marine applications or where increased resistance to UV is required.


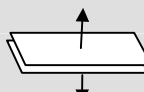
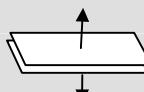
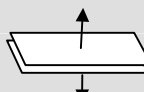
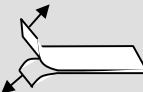
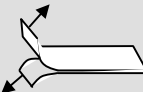
## Method of attachment

- Sewing
- Stapling
- Ultrasonic welding
- Gluing.

## Packaging

Widths	25mm	50mm
2 x 25 meters rolls	250 m	200 m

## Performances

Resistance Cycle life	(N/cm <sup>2</sup> )		(N/cm <sup>2</sup> )		Peel Strength (N/cm)	
						
Tape's state	Dry	Damp	Dry	Damp	Dry	Damp
5000 operations	12	11	8,5	8,5	2,5	2,5
10 000 operations	11	10	7,8	7	1,7	1,6
10 000 operations	8	7,6	7	6	1,5	1,5

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

## Technical characteristics

<b>PHYSICAL CHARACTERISTICS</b>	<ul style="list-style-type: none"> <li>▪ Weight of closure: <math>\approx 0,055 \text{ g/cm}^2</math></li> <li>▪ Height: Loop: 2,8 mm Hook: 2 mm</li> <li>▪ Closure thickness: <math>\approx 3,1 \text{ mm}</math></li> <li>▪ Width tolerance: <math>\pm 1 \text{ mm}</math></li> <li>▪ Selvedge width: <math>\approx 2,3 \text{ mm}</math></li> <li>▪ Breaking strength: Loop: 18 daN/cm</li> <li>▪ Hook: 23 daN/cm</li> <li>▪ American certification: Mil spec F – 21840 Type 2 Class 3</li> </ul>
<b>EFFECTS OF TEMPERATURE</b>	<ul style="list-style-type: none"> <li>▪ Cold increases closure strength</li> <li>▪ Resists heat up to 140°C (280°F)</li> <li>▪ Melting point: 255°C (491°F)</li> <li>▪ Softening point: 240°C (464°F)</li> </ul>
<b>REACTION TO LIQUIDS</b>	<ul style="list-style-type: none"> <li>▪ Maximum shrinkage in boiling water: &lt; 3%</li> <li>▪ Maximum humidity absorption: <math>\approx 0,5\%</math></li> <li>▪ Washable at 100°C (212°F)</li> </ul>
<b>RESISTANCE TO CHEMICALS</b>	<ul style="list-style-type: none"> <li>▪ Sensitive to strong alkalis</li> <li>▪ Resists trichlorethylene, acetone, acids, hydrocarbons and alcohol</li> </ul>
<b>COLOURFASTNESS</b>	<ul style="list-style-type: none"> <li>▪ Withstands numerous washings at 70°C (158°F)</li> <li>▪ Meets American certification FTMS 191 A: class good.</li> <li>▪ Withstands good to UV</li> </ul>
<b>CYCLE LIFE</b>	<ul style="list-style-type: none"> <li>▪ Over 2 500 operations.</li> </ul>
<b>GENERAL PROPERTIES</b>	<ul style="list-style-type: none"> <li>▪ Dry cleaning, autoclave, ironing when mated.</li> </ul>

## Coatings and specific treatments

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

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