

# aplix® 400

## Fire retardant



Fire retardant treatment.  
High peel strength.

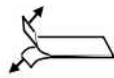
- Closure consisting of 2 woven tapes :
  - mono-filament hooks
  - brushed loops.
- Material : 100% fire retardant polyamide.
- Methods of attachment : sewing, bonding, welding or stapling.
- Widths : 16, 20, 25, 30, 38, 50 and 107 mm.
- Colours :



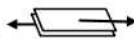
## PERFORMANCE DATA

STRENGTHS

Peel Strength  
(N/cm) as defined by EN 12 242



Shear Strength  
(N/cm<sup>2</sup>) as defined by EN 13 780



Traction Strength  
(N/cm<sup>2</sup>) as defined by NF G91-103



	New state	5000 cycles
Peel Strength	1.8	1.2
Shear Strength	12	7
Traction Strength	7	4

NB : The results shown above are average values obtained from 25mm-wide tapes.

### TECHNICAL CHARACTERISTICS

#### Physical characteristics

- Thickness of the closure : 3 mm (loop : 2.1 mm / hook : 2 mm).
- Weight of the closure : 0.07 g/cm<sup>2</sup>.
- Width tolerance : +/- 1.5 mm from 16 to 50 mm and +/-2 mm for 107 mm.
- Width of the selvedge : 2 <sup>+/-0.5</sup> mm.
- Breaking point of the tape : > 250 N/cm.
- Elongation at breaking point : 50% max.

#### Effects of temperature

- Resistance to temperature : 140°C.
- Melting point : 240°C.
- Not recommended for long-term exposure to the sun, use aplix® 810 (polyester).

#### Reaction to chemical products

- Resistant to strong alkalis, trichloroethylene, acetone, hydrocarbons and alcohols.
- Sensitive to acids.

#### Colour fastness

- EN ISO 105-C06: resistance to domestic and industrial washing.
- EN ISO 105-X05: dry cleaning.

#### Cleaning

- Washing at 60°C.
- Dry cleaning.
- Drying and ironing in closed condition.

*NB : These characteristics are only valid for standard products (non adhesive products).*

### PACKAGING

Widths	16 mm	20 mm	25 mm	30 mm	38 mm	50 mm	107 mm
25 lm	600 lm	450 lm	400 lm	300 lm	250 lm	200 lm	100 lm

### COATINGS AND SPECIAL TREATMENTS

#### Self-adhesive -D-

Characteristics	<ul style="list-style-type: none"> <li>• Resistant to fire</li> <li>• Synthetic elastomer</li> <li>• Siliconised PET</li> <li>• - 30 / + 60°C</li> </ul>
Type of adhesive	
Type of protective film	
Resistance to temperature	

### APPROVALS AND STANDARDS

AIRCRAFT	FAR/EASA CS 25-853 Appendix F Part 1 (a)(1)(ii) 12s. ABD 0031
RAILWAY	NF 16.101 Class F2 / M2 (NF P 92-501 & NF P 92-505)
AUTOMOTIVE	FMVSS-302