



PYRO Fire Retardant Sew On Hook & Loop

Technical Information

Hook	Loop	
Base Material: 100% Polyamide	Base Material: 100% Polyamide	
Construction: Standard woven with cold-cut sewing edges and FR coating to the back.	Construction: Standard woven with cold-cut sewing edges and FR coating to the back.	
Width Tolerance: +/- 5%	Width Tolerance: +/- 5%	
Weight: 310 g/m ² (+/- 10%)	Weight: 360 g/m ² (+/- 10%)	
Thickness: 1.9mm (+/- 0.5mm)	Thickness: 1.9mm (+/- 0.5mm)	
Standard Width Available: 10mm without margin, 16mm, 20mm, 25mm, 30mm, 38mm, 50mm, 100mm, 150mm	Standard Width Available: 10mm without margin, 16mm, 20mm, 25mm, 30mm, 38mm, 50mm, 100mm, 150mm	
Standard Length: 25 metres	Standard Length: 25 metres	
Melting point: 210°C	Melting point: 210°C	
Softening Point of Nylon: 160°C	Softening Point of Nylon: 160°C	
Cleaning Instructions: Product can be washed at 60°C. Shrinkage after washing at 60°C for longer than 30min may occur of maximum 2%. Test Method used: ISO 6330		
    		
Colour fastness	to washing (AATCC-TM 61-2A-2013)	Grade 3+
	to water (AATCC-TM 107-2013)	Grade 3+
	to perspiration (AATCC-TM 15-2013)	Acid : Grade 3+ / Alkali: Grade 3+
	To rubbing (AATC-TM 8-2016)	Grade 3+

Peel Strength ASTM D5170 / EN 12242	Average:
After 1 opening & closing cycle	1.68 N/cm
After 5,000 opening & closing cycles	1.47 N/cm
After 10,000 opening & closing cycles	1.34 N/cm

Shear Strength ASTM D5169 / EN 13780	Average:
After 1 opening & closing cycle	13.71 N/cm ²
After 5,000 opening & closing cycles	12.73 N/cm ²
After 10,000 opening & closing cycles	11.03 N/cm ²

PYRO FR Sew On Hook & Loop is tested to the standards below:
-EN ISO 17493:2016 Protective clothing and equipment - Method of test for heat resistance
-EN ISO 15025:2016 Protective clothing - Protection against flame - Method of test for limited flame spread
-FAR 25.853 (a) Flammability in aircraft material
-MIL SPEC AA-55126C
-Infrared Treatment available upon request
-FMVSS NO. 302-1972
*Any additional testing is available upon customer request.

HALCO Europe GmbH
 Kleinhülsen 11 | 40721 Hilden | Germany
 22.06.26 Tel: +49 212 240 912 80 | www.halcoeurope.com
 Company No: HRB 92237 | Tax No: 135/5732/1710
 VAT ID: DE338724323 | EORI: DE492062461296138

DISCLAIMER

Values presented have been determined by standard test methods and are average values not to be used for specification purposes. Our recommendations on the use of our products are based on tests believed to be reliable but we would ask that you conduct your own tests to determine their suitability for your applications. This is because HALCO Europe Ltd t/a CONNTEX cannot accept responsibility or liability direct or consequential for loss or damage caused as a result of our recommendations.

UK HEAD OFFICE Pioneer House, Beacon Road, Hereford HR2 6JF, UK | Tel: +44(0) 1432 842 020 | sales@conntex.com
EU HEAD OFFICE Kleinhülsen 11, 40721 Hilden, Germany | Tel: +49(0) 2103 78907 30 | kontakt@conntex.com

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