

POLYLOK N4 Polyamide Moulded Hook

Technical Information

Plastic Moulded Hook
Construction: 100% Polyamide
Colour: Black / White / Transparent
Standard Width Available mm: 12, 16, 20, 25, 30, 38, 50, 75, 100, 150 (±5%) or wider widths on request
Standard Length: 50 metre rolls or cut pieces
Softening temperature point: 190°C
Melting temperature point: 200°C

Physical & Chemical Characteristics		
Hook height	0.90 mm	
Base thickness	0.20-0.22 mm	
Total thickness	1.10-1.12 mm	
Density	112 hooks per cm ²	
Resistance to temperatures	No change below 150°C	
	No change in -20°C for 5 hours	
Strength in water	Retains 50% of closure strength in water and recovers 100% after drying	
Resistance to chemicals	Resistance against diluted acids & alkaline at low temperature, trichloroethylene & solvents used for dry cleaning	
Fraying	None	
Influence of insects or mould	Not affected	
Influence of humidity	In humidity over 90% RH, closure strength is somewhat reduced	
Resistance to UV	Limited resistance, use polyester tape if exposure to high UV light	
	Test Method	Moulded hook with velour loop
No. of cycles	EN1414	
Peel Strength	EN12242 (N/cm width)	3.8-4.2 (minimum 3.8)
Shear Strength	EN13780 (N/cm ²)	22.0-28.0 (minimum 22)

Colour fastness	Test Method	Grade
Light	ISO 105-B02	>5 on a scale of 8
Water & seawater	ISO 105-E01	4 on a scale of 5
Washing 60°C	ISO 105-C10 C	4 on a scale of 5
Sweat	ISO 105-E04	4 on a scale of 5
Rubbing wet & dry	ISO 105-X12	4 on a scale of 5
Ironing	ISO 105-X11	4 on a scale of 5
Dry-cleaning	ISO 105-D01	4 on a scale of 5

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.

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Certificate Number 8158