

Hook tape

ÖKO-TEX Standard 100 class II - approval nr 60414302

Construction

woven with sewing edges

Composition

100 % polyamide + coating

Standard widths + variations

16 - 20 - 25 mm: +/- 1,0 mm
 30 - 38 - 50 mm: +/- 1,5 mm
 100 - 150 mm: +/- 5,0 mm (standard: white & black)

Velours tape

ÖKO-TEX Standard 100 class II - approval nr 60615402

Construction

knitted without sewing edges (2.050 mm wide)

Composition

100 % polyamide + coating

Standard widths

12 - 16 - 20 - 25 - 30 - 38 - 50 - 100 - 150 mm: +/- 1,0 mm
 all widths between 12 & 2.000 mm are possible

Special versions

hook & velours standard can be delivered with the following backings:

- adhesives: A - ATA - SA0 - SA - SA3 - SA4
 - flame-retardant (FR)
 - adhesive strip (AS)
 - reactivable coatings HF and R (hook only)
 - iron-on (velours only)
 - back-to-back (BTB)
- see appropriate technical data sheets

Packing

F : flanged 25 m rolls
 P : packs of 4 rolls of 25 m each, without flanges, shrinkwrapped
 SP : super packs of 25 m rolls without flanges
 D : dispenser cartons with rolls of 100 m
 G : giants with various roll lengths (up to 30 mm only)
 B : bobbins with various roll lengths (up to 30 mm only)
 S : spools with various roll lengths (up to 20 mm only)
 specials: various packings for industry & commerce

Technical information

Colours

23 standard colours: see our shade card (without AZO-dyestuffs)

Selvages

hook : hot cut
 velours st. : cold cut (cannot fray due to knitted construction)

Thickness fastener

2,5 mm (+/- 0,5 mm) measured after closing with a force of 20N/cm²

height separate tape: hook : 2,0 mm (+/- 0,2 mm)
 velours st.: 1,6 mm (+/- 0,3 mm)

Weight (average weight)

fastener : +/- 560 gr/m² hook : 310 gr/m² (+/- 10%)
 velours st.: 250 gr/m² (+/- 10%)
 hook : impact of edges is more important in smaller than in larger widths

Fraying

none or slightly, due to the edges and the back-coating
 velours standard: no fraying

Resistance to chemicals & UV

resistant against : * diluted alkalines & acids at low temperature

Important: (only for hook): if exposure to UV-light is high: use polyester fastener - see data sheet E-006

Resistance to temperatures

Hook: from -30°C till + 140°C Velours: from -30°C till + 100°C
 melting points : * PA 6: +/- 215°C * PA 6.6: +/- 250°C
 softening points : * PA 6: +/- 165°C * PA 6.6: +/- 210°C

Technical information

Colour fastness

EN 20105-B02	light	5	on a scale of 8
DIN/ISO 105 E01	water & seawater	4	" " " 5
EN 20150-C.03	washing 60°C	4/5	" " " 5
DIN/ISO 105 E04	sweat	4	" " " 5
DIN/ISO 105 X12	rubbing wet & dry	4	" " " 5
DIN/ISO 105 X11	ironing	4	" " " 5
DIN/ISO 105 D01	dry-cleaning	4	" " " 5

Shrinkage + waterabsorbtion

after washing 60°C or dry-cleaning

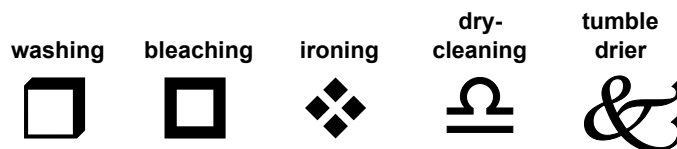
shrinkage	lengthwise	widthwise
hook :	max. 3,0 %	max. 1,5 %
velours st. :	max. 3,0 %	max. 2,0 %

water absorbtion max. 4 % (conditioned room) & 10 % (water 20°C)

Important: (only for hook): if often in contact with humidity/water: use polyester fastener - see data sheet E-006

Cleaning instructions

cleaning with fastener in closed position: to protect fastener and washing



Fastener values

average values (tested at 20°C & 50% humidity) - min. values between brackets

open. & closings	peel strength	shear strength
after 1 openings & closings	1,2 (0,7) N/cm width	5,0 (4,0) N/cm2
after 300 op. & cl.	min. 0,35 N/cm width	min. 2,0 N/cm2

hook	velour stand.
breaking strength (lengthwise)	
min. 200 N/cm	min. 100 N/cm
stretch before breaking (lengthwise)	
min. 35 %	min. 40 %

* original strengths increase with cold: - 20°C = + 25% (+/-)

* if used over curves: up to 2/3 times original shear strength

Tests by user & guarantees

The information above only serves as a general guideline.
We advise any user to determine the suitability
of the intended application through tests performed by himself.

All information, technical advice, recommendations & descriptive material on this product are based upon tests which are generally reliable, although we cannot fully guarantee the accuracy of these tests. The buyer, who is a professional user, will be bound to carry out all tests himself, in order to verify whether the goods are suited and can be used safely for the intended purpose. The only obligation of the seller may consist in replacing the goods of which the imperfection has been proven, insofar as the seller can be held liable for the imperfection under the present conditions. The buyer will protect and hold harmless the seller against any claim whatsoever which could be made by the private enduser on the account of his product liability. In the same way, the buyer will safeguard the seller for each claim made by third parties, exceeding the limitation of liability as stipulated herewith. In addition, we serve ourselves the right to subject the products to technical changes without prior notice. Please make sure that you have the latest version of the technical data sheet.

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