

**Hook tape**

**ÖKO-TEX Standard 100 class II - approval nr 60414302**

**Construction**

woven with sewing edges

**Composition**

100 % polyamide PA + coating

**Loop tape**

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woven with sewing edges

**Composition**

100 % polyamide PA + coating

**Special versions**

hook & loop polyamide can be delivered with the following backings:

- adhesives: A - ATA - SAO - SA - SA3 - SA4 - DA
  - flame-retardant (FR)
  - adhesive strip (AS)
  - reactivable coatings HF and R
  - 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  
 see data sheet packaging 0799-a

**Technical information**

**Standard widths**

- 16 - 20 - 25 mm: +/- 1 mm
- 30 - 38 - 50 mm: +/- 1,5 mm
- 100 - 150 mm: +/- 5 mm
- 12 mm, slit from 25, 50 or 100 mm tape: on bobbins of 100 or 600 m
- 10 mm, slit from 20, 50 or 100 mm tape: on bobbins of 100 or 600 m

**Colours**

23 standard colours: see shade card (without AZO-dyestuffs)  
 special colours on request

**Selvedges**

woven or hot cut edges

**Thickness fastener**

3 mm (+/- 0,5 mm), measured after closing with a force of 20N/cm<sup>2</sup>

- height separate tapes: hook: 2,0 mm (+/- 0,2 mm)
- loop: 2,1 mm (+/- 0,3 mm)

**Weight**

- fastener: 620 gr/m<sup>2</sup> (+/-10%)
  - hook: 310 gr/m<sup>2</sup> (+/-10%)
  - loop: 310 gr/m<sup>2</sup> (+/-10%)
- impact of edges is more important in smaller than in larger widths

**Fraying**

none or slightly, due to the edges and the back-coating

**Resistance to chemicals & UV**

- resistant against:
  - \* diluted acids and alkalines at low temperature
  - \* trichlorethylene
  - \* solvents for dry-cleaning

**Important:** if exposure to UV-light is high: use polyester fastener - see data sheet E-006

**Resistance to temperatures**

- from - 30°C to + 140°C (cold improves orig. fastening values)
- 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 + water absorption

after washing 60°C or dry-cleaning

<b>shrinkage</b>	<b>lengthwise</b>	<b>widthwise</b>
hook:	max. 2,0 %	max. 1,5 %
loop:	max. 2,0 %	max. 1,5 %
<b>water absorption</b>	max. 4 % (conditioned room) & 10 % (water 20°C)	

**Important:** if often in contact with humidity/water: use polyester fastener - see data sheet E-006

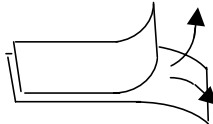
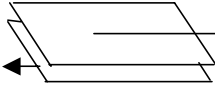
### Cleaning instructions

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



### Fastener values

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

open. & closings	peel strength	shear strength
		
after 1 opening & closing	2,3 (1,3) N/cm width	10,0 (6,0) N/cm <sup>2</sup>
after 10.000 openings & closings	min. 0,65 N/cm width	min. 3,0 N/cm <sup>2</sup>

hook	loop
<b>breaking strength (lengthwise)</b>	
min. 200 N/cm	min. 200 N/cm
<b>stretch before breaking (lengthwise)</b>	
min. 35 %	min. 35 %

\* 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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