

Hook tape HS

**construction
composition**

ÖKO-TEX Standard 100 class II (N° 60414302)

standard widths woven with sewing edges
base tape in PA 6 and hooks in PA 6.6 + PU coating (latex free)

Loop tape HS

**construction
composition**

ÖKO-TEX Standard 100 class II (N° 60414302)

standard widths woven with sewing edges
base tape in PA 6 and loops in PA 6 + PU coating (latex free)

Special versions

**adhesive-backed
reactivable coatings
flame retardant
back-to-back**

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

- adhesives A - SA - ATA - AT - FRA (others: SA0 - SA3 - SA4)
 - adhesive strip based on AS - ATAS - ATS - FRAS
 - HF
 - FR tape with or without FRA adhesive
 - available in a standard and in a FR version
- [see appropriate technical data sheets](#)

Packing

- F : flanged 25m rolls
 - J : jumbo with various roll lengths (up to 30mm only)
 - D : dispenser cartons with rolls of 250m (38mm & +)
 - S : 100m spools for 10 & 12mm - 50m for 20mm
 - G : giants for extra long roll lengths (up to 30mm only)
- specials: various packings for industry & commerce
[see technical data sheet packings](#)

Technical information

standard widths + variations

internal lab ref.: 332224

- 16 - 20 - 25mm : +/-1,0mm
- 30 - 38 - 50mm : +/-1,5mm
- 100 - 106 - 160mm : +/-5,0mm
- 10 & 12mm, cold slit from 25, 50 or 100mm tape: on spools of 100m

colours (no AZO-dyestuffs)

24 standard colours: see shade card
special colours on request (min. 4 cartons)

thickness fastener

3,1mm (+/-0,5mm), measured after closing with a force of 20N/cm²
height separate tape : hook: 2,0mm (+/-0,2mm)
loop: 2,2mm (+/-0,3mm)

weight (average weight)

fastener: 640gr/m² (+/-10%) hook: 325gr/m² (+/-10%)
loop: 320gr/m² (+/-10%)

[impact of edges is more important in smaller than in larger widths](#)

fraying (DIN3415)

note 4/5, none or slightly visual difference, due to the coating

resistance to chemicals & UV

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

[if exposure to UV-light is high: use polyester fastener - see data sheet E-006](#)

resistance to temperatures

from -30°C to +150°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

colour fastness

ISO	Condition	1	2	3	4	5
ISO 105-B02	light	5	on a scale of	8		
ISO 105-E01	water & seawater	4	" " " "	5		
ISO 105-C06	laundrying	4-5	" " " "	5		
ISO 105-E04	perspiration	4	" " " "	5		
ISO 105-X12	rubbing wet & dry	4-5	" " " "	5		
ISO 105-X11	ironing	4	" " " "	5		
ISO 105-D01	dry-cleaning	4-5	" " " "	5		

Technical information

shrinkage/water absorption

after washing at 60°C (EN/ISO 6330)

shrinkage

hook:

lengthwise

max. 2,0%

loop:

max. 2,0%

widthwise

max. 2,0%

max. 2,0%

water absorption: (DIN 53923)

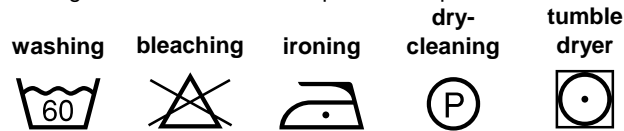
Hook: +/- 39%

Loop: +/- 145%

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

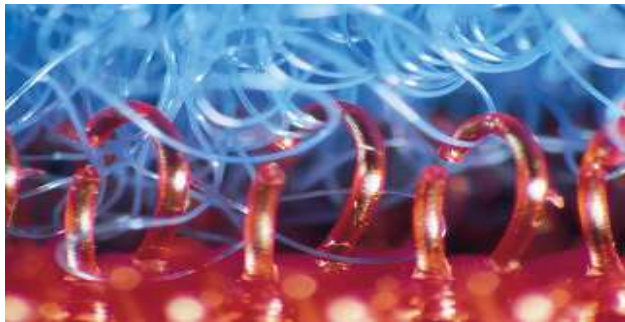
cleaning instructions

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



Fastener values

tested in a standard temperate atmosphere according to the EN20139: a temperature of 20°C(+/-2°C) and a relative humidity of 65%(+/-2%)



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

openings & closings	peel strength (EN 12242)	shear strength (EN 13780)
after 1 opening & closing	av. Measured <u>DIN 3415</u> 2,3 (+/-1) N/cm min.1,3 N/cm	av. Measured <u>DIN 3415</u> 10,0 (+/-4) N/cm² min.6 N/cm²
after 10.000 openings & closings (EN1414)	min.0,65N/cm	min.3,0N/cm²

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.

Alfatex Belgium	info@alfatex.be	tel.: +32 (0)9.386.12.18	fax: +32 (0)9.386.89.76
Alfatex Deutschland	info@alfatex.eu	+49 (0)2562.96.450	+49 (0)2562.96.4510
Alfatex Nederland	info@alfatex.nl	+31 (0)74.242.70.91	+31 (0)74.242.76.95
Alfatex France	info@alfatex.fr	+33 (0)3.20.02.95.10	+33 (0)3.20.81.27.82
Alfatex Polska	info@alfatex.pl	+48 (0)71 798 57 89	+48 (0)71 798 57 90
Alfatex U.K.	info@alfatex.co.uk	+44 (0)845 603 0516	+44 (0)1782 815161
Alfatex Spain	info@alfatex.es	+34 93 545 86 12	+34 93 545 87 12