

# Hook and Loop Fastener

## ► Aramid Loop-side / Stainless Steel Hook Tape

Fasteners made of hook adhesion elements and loop surfaces are offering a **very high life expectancy**, with excellent performance features. Depending on the selected material, the fastener can be used in various and complex areas (resistance against ultraviolet rays, high temperatures, flame retardancy etc.).

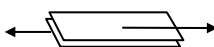

### Description:

Base fabric: 100% Aramid (at loop and hook side)  
 Hooks: Stainless steel hooks – non-corrosive – Material 1.4310  
 Fleece: 100% Aramid loops  
 Width: 25 mm and 50 mm are possible  
 Colour: Raw white

### Applications

- Recommended for applications requiring a self-extinguishing product. Resistant to very high temperatures (up to 235°C).

### Physical Performance Data

	<b>Shear Strength</b> acc. to DIN EN 13780 	<b>Peel Strength</b> acc. to DIN EN 12242 
New Condition / 0 Cycles	17,5 N / cm <sup>2</sup>	3,0 N / cm <sup>2</sup>
after 50 Cycles	15 N / cm <sup>2</sup>	1,7 N / cm <sup>2</sup>

The indicated results are average values, meeting the standard for 25 mm wide tapes.

### Methods of Attachment

Sewing  
 Stapling  
 Glueing (Technical features to be observed)

## Technical Characteristics

Effects of Temperature	Resistance to temperature: 235°C Start of decomposition: above 300°C Resistance to cold: -40°C Colour change of the coating might be possible under the influence of heat Flame retardant (B1) acc. to DIN 4102.
Physical Characteristics	Thickness of total fastener = 3,2 mm  Thickness at hook side H = approx. 2 mm Number of hooks: min. 50/cm <sup>2</sup> Hook weight: 400 g/m <sup>2</sup> +/- 10%  Thickness of loop side F = approx. 2,5 mm Number of loops: 80/cm <sup>2</sup> Fleece weight: 480 g/m <sup>2</sup> +/- 10%  Width tolerances: 25 mm und 50 mm +/- 1 mm
Resistance to Chemical Products	Resistant to alkaline liquids, non-oxidizing acids (except hydrochloric acid), organic solvents, alcohol  Not resistant to / sensitive to oxidative acids (for example nitric acid)

## Packing Units

Coils of 25 m  
on cardboard cores, with a core diameter of 36 mm, core width off 30 mm / 55 mm, outer diameter of 300 mm

Statements, information and data included in this information are provided to the best of our knowledge. Wherever possible, they have been determined empirically and have to be considered as a non-binding consultation. In cases of doubt, we recommend to arrange a test which is adapted to the local conditions. Apart from that, our teams of the departments sales and development are always happy to help you.

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