

Stainless Steel / Nomex Hook & Nomex Loop 821 / 820

Description

- Hook tape: woven Nomex[®] base with stainlesssteel hooks
- Loop tape : 100% Nomex[®]
- **Steel Hook 821** :
 - Widths : 25 mm
- **Nomex Loop 820** :
 - Widths : 25 mm et 50 mm (nous consulter)
 - Colors :
055 421

Availability, please contact us

Applications

- Recommended for applications requiring resistance to heat and corrosion (up to 235°C, 450°F)


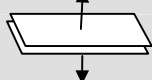
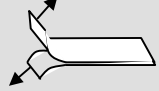
Method of attachment

- **821** : Sewing, riveting, stapling
- **820** : Sewing, gluing

Packaging

- 2 x 25 meters rolls

Performances (up to 235°C, 450°F)

Resistance	(N/cm ²)		Peel Strength
			(N/cm)
Cycle life			
New state	11,12	4,50	2,50
	6,27	2,46	1,32

The above results are average values obtained according to the test method described in the French norm NF G 91-103.

Technical characteristics

PHYSICAL CHARACTERISTICS	<ul style="list-style-type: none"> ▪ Weight of closure : <ul style="list-style-type: none"> Loop : 0,0788 g/cm² Hook : 10g/ml (0,04 g/cm²) ▪ Tickness of closure : <ul style="list-style-type: none"> Loop : 3,5 mm Hook : ≅ 2,35 mm ▪ Width tolerance : ± 1 mm ▪ Selvage widths : <ul style="list-style-type: none"> Loop : 2,5 mm Hook : de 1,5 à 1,8 mm ▪ Breaking strength : <ul style="list-style-type: none"> Loop : 37 daN/cm Hook : 40 daN/cm ▪ Breaking stretch : 38% maxi. (boucle)
EFFECTS OF TEMPERATURE	<p><u>Loop :</u></p> <ul style="list-style-type: none"> ▪ Cold increases closure strength ▪ Resist heat up to : 140°C (280°F) ▪ Melting point (hook) : 260°C (500°F) <p><u>Hook :</u></p> <ul style="list-style-type: none"> ▪ Resist heat up to : 235°C (450°F) (yellowing of coating) ▪ Maximum shrinkage at 235°C (450°C) : 1% ▪ Begins to decompose above 300°C (570°F) ▪ Resist cold down to : -40°C (104°F)
REACTIONS TO LIQUIDS	<p><u>Loop :</u></p> <ul style="list-style-type: none"> ▪ Maximum shrinkage : < 2% ▪ Maximum humidity absorption : 4%
RESISTANCE TO CHEMICALS	<p><u>Loop :</u></p> <ul style="list-style-type: none"> ▪ Resists strong alkalis, solvents, acetone, hydrocarbons and alcohols. Sensitive to acids. <p><u>Hook :</u></p> <ul style="list-style-type: none"> ▪ Resists strong alkalis, concentrated acids, alcohols, hydrocarbons and solvents
COLOURFASTNESS	<p><u>Loop :</u></p> <ul style="list-style-type: none"> ▪ Very good
CYCLE LIFE	<p><u>Loop :</u></p> <ul style="list-style-type: none"> ▪ Over 1 000 opérations <p><u>Hook :</u></p> <ul style="list-style-type: none"> ▪ Over 100 opérations
GENERAL PROPERTIES	<ul style="list-style-type: none"> ▪ Non-flammable ▪ Non melting (base and loop) <p><u>Loop:</u></p> <ul style="list-style-type: none"> ▪ Washing up to 95°C (203°F) ▪ Dry cleaning (perchlo - trichlo) ▪ Can be ironed when mated : < 240°C (464°F)

Certifications

821 in combination with 820	820
<ul style="list-style-type: none"> ▪ FAR 25-853 (a) et (b) ▪ FMVSS-302 	<ul style="list-style-type: none"> ▪ NF G07-184 classe B ▪ Mil spec F – 21840 type 1 class 2 ▪ GPEMTC B5509

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For orders and specific information, please contact Capatex or your distributor.