

COATING -K-

Reactivable

Description

Hook & loop (without selvages), pre-coated with a nitrile rubber based adhesive, designed :

- To be stuck on substrates such as PVC, ABS, PES, PA, PU, steel, aluminium, wood, cement, plaster, woven materials by a reactivation of the coating with cetonic solvent, for ex. aceton, ceton methyle ethyle, ethylacetate or with a (nitrile) glue applied to the substrate.
- To be welded on substrates such as PVC, PU, synthetic rubber, by a reactivation of the coating with a heat source given out by pulsed hot air welding machine, impulse welding machine, high frequency welding machine, or ultrasound welding machine.
- Widths : 20 mm, 25 mm ; 50 mm, 100 mm
- Colors :

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- Display : winded up 25 m reel

General recommendations

- The substrate must be clean, dry, free of oil or silicon traces.
- The application must be performed under normal temperature and humidity conditions to obtain a good adhesive or welding strength ($> 17^{\circ}\text{C}$ et $< 70\% \text{Hr}$).
- The welding process requires proper adjustments : power, welding and holding time in compliance with the surface to be welded, the nature and the thickness of the material.
- The gluing requires the glue to be applied on the substrate ($\sim 150 \text{ g/m}^2$). Then, letting the solvent evaporate during about 3 mn at 20°C , applying the tape on the surface and making pressure with hand or a roller.
- For safety reasons, perform the gluing in good ventilated premises.

Packaging

- 50 metres reels made of 2x25m rolls packed in american cases

Standard	20mm	25mm	50mm	100mm
Length/case	300 m	250 m	200 m	100 m

Performances

- Vary depending on the substrates, the application method and conditions.
- For instance :
 - Gluing with a nitrile glue on linen and hemp materials : Peel strength = 3000 cN/cm
 - High frequency welding on PVC coated materials : Peel strength = 6000 cN/cm

Technical characteristics

PHYSICAL CHARACTERISTICS	<ul style="list-style-type: none"> ▪ Weight of closure : 0.0950 g/cm² ▪ Height of loop : 2.9 mm ▪ Height of hook : 2.1 mm ▪ Closure thickness : 3.6 mm ▪ Width tolerance : +/- 1 mm ▪ Time limitation of use : 24 mois
CHARACTERISTICS OF -K- COATING	<ul style="list-style-type: none"> ▪ Base : synthetic rubber -Nitrile ▪ Color : Transparent ▪ Thinners : MEC, AE, Acetone ▪ Opening time : 10 mn at 20°C ▪ Toxicity : ▪ Storage : In a sane place, without any humidity or excessive temperature It is advisable to store at < 75%Hr, Temperature 22°C +/-5
EFFECTS OF TEMPERATURE	<ul style="list-style-type: none"> ▪ The -K- coating should not be exposed to a high heat during a long time (>100°C) ▪ Advisable using temperature : <70°C
GENERAL PROPERTIES	<ul style="list-style-type: none"> ▪ The -K- coated tapes are not suitable for applications requiring industrial washing or dry cleaning ▪ It is advisable to use warm soap water and to avoid cleaning with solvents

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