

MARYLAND METRICS

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TECHNICAL INFORMATION and DATA

Securing against loosening

Kaflok®

Nylon-polyamid patch for securing and sealing

Kaflok® is a highly elastic nylon® coating with is sprayed onto a part of the thread and firmly adheres to it. When the thread is engaged, the nylon patch (or ring) generates high pressure against the thread flanks of the mating part. The result is a secured joint which can be loosened at any time again.

Fasteners with a nylon patch do not only secure in a preset position or under preload, but in any position. Therefore Kaflok® is often used with adjusting screws.

Advantages:

- Good locking element against loosening (falling apart)
- No cure time required, load can be applied immediately
- Can be re-used several times
- Secures at any position
- The locking feature is an integrated part of the fastener
- Cost savings in assembly; coated parts can easily be assembled automatically
- No limit to storage time for coated parts
- Kaflok®-ring coated parts have good sealing properties against liquids and gases
- Corresponds to DIN 267 / part 28

Temperature range:	-50 °C to +90 °C (heat resistance briefly: max. +120 °C)
Dimensions - diameter:	M 3 to M 68
length:	5 mm to 200 mm
Chemical resistance against:	alcohol, gasoline, oil, most diluting agents
Colors:	blue (or other colors at our option)
Coefficient of friction in the thread for patch coating (=standard)	$\mu_{thr} = 0,10-0,14$
for ring coating	$\mu_{thr} = 0,12-0,15$

Precote® 5

Temperature range:	-50 °C to +150 °C (in air up to +180°C)
Color:	white
Coefficient of friction in the thread (other properties as Kaflok®)	$\mu_{thr} = 0,12-0,14$

Vibratite® VC 3

Material:	polyester
Temperature range:	-30 °C to +90° C
Chemical resistance against:	acid, alkaline, caustic solutions
Color:	red
Coefficient of friction in the thread	$\mu_{thr} = 0,15-0,19$