

## prevailtorque and sealing (non-reactive)

<u>precote</u>	<u>colour</u>	<u>coating</u>	<u>appearance /react</u>	<u>effect</u>	<u>temperature range</u>	<u>thread friction value <math>\mu_{\text{thread}}</math></u>	<u>main function</u>
4	white / blue	layer forming dispersion	dry, tack-free, elastic	only clamping, very low	-50 - +180°C	0,1 - 0,15	sealing
5	white / blue	layer forming dispersion	dry, tack-free, soft	only clamping	-50 - +180°C	0,1 - 0,15	sealing
6	white / green	layer forming dispersion	dry, soft	only clamping, low	-50 - +110°C	0,25 - 0,30	locking + sealing
9	white	layer forming dispersion	dry, soft	only clamping, medium to high	-50 - +180°C	0,1 - 0,15	locking
15	white	layer forming dispersion	dry, elastic	only clamping, low	-50 - +180°C	0,1 - 0,15	sealing
19 - 2	colpoueless or red	layer forming dispersion	dry, tack-free, soft	only clamping, medium to high	-50 - +90°C	0,18 - 0,23	locking + sealing
19 - 7	colourless / yellow / burnt orange	layer forming dispersion	dry, tack-free, viscous solid	only clamping, medium	-50 - +150°C	0,1 - 0,15	locking + sealing with high preload
10	grey	smelted Polyamide	dry, tack-free, very solid	only clamping, high to very high	-50 - +150°C	0,16- 0,20	locking + sealing
10 - 1	green	Polyamide dispersion	dry, tack-free, solid	only clamping, high to very high	-50 - +150°C	0,14- 0,18	locking + sealing
709	anthracite	layer forming dispersion + solid lubricants	dry, tack-free, elastic	only clamping, very low	-50 - +850°C	0,09 - 0,13	high preload, spray-water-sealing , high temperature antiseize
200	blue	Polyurethane coating	dry, tack-free, elastic	seal-function damping-effect	-40 - +100 °C	n.a.	under head coating replacement of O-rings and seal washers