

# Product overview, Locking elements/Seals

**Table 106 Tuflok® Screw = Blue patch/Tuflok® Nut = Torq-patch lock-nut**

Tuflok®	Colour	Screw-off torque 1st disassembly		Main function	Time to full function	Temp. °C limit
		Screw	Nut			
1 (soft)	Blue	1,8 Nm	—	Locking	Immediately	-50 - +120
2 (std) (More inert than Tuflok® 1)	Blue	1,8 Nm	5,0 Nm	Locking	Immediately	-50 - +120
3 (hard)	Blue	1,8 Nm	4,0 Nm	Locking + sealing	Immediately	-50 - +120

All data is based on screw M10 class 8.8 untreated.  
A number of excellent features for locking, damping, adjustment etc. See our handbook "Locking elements".

The above is marketed by Mattssons and manufactured by a joint venture company: Nylok Scandinavia AB.

**Table 106.1 Nytemp®**

Nytemp®	Colour	Screw-off torque 1st disassembly	Main function	Time to full function	Temp. °C limit
	Orange	1,8 Nm	Locking + sealing	Immediately	-50 - +232

All data is based on screw M10 class 8.8 untreated.  
A number of excellent features for locking, damping, adjustment etc. See our handbook "Locking elements".

The above is marketed by Mattssons and manufactured by a joint venture company: Nylok Scandinavia AB.

**Table 106.2 Nyseal®**

Nyseal®	Colour	Main function	Time to full function	Temp. °C limit
	Green	Sealing	Immediately	-50 - +120

Nyseal® is a patented pre-applied permanent sealing that prevents leakage of fluids up to the pressure of 100 psi, and can be used immediately.  
Replaces o-rings, gaskets and sealing compounds.

It is also good for preventing chemical reactions between aluminium and stainless steel (galvanic element).  
Nyseal® is re-useable and the green sealing compound does not shrink or dry out.

**Table 106.3 Precote®**

Precote®	Colour	Min. unripping without pre-tension after 24 h at room temp.	Main function	Time to full function	Temp. °C limit	Friction (μ)
5	White	2-6 Nm	Sealing	Immediately	-50 - +180	0,11 - 0,13
30	Yellow	15-20 Nm	Sealing + locking	6 hours	-50 - +150	0,12 - 0,14
80	Pink	24-30 Nm	Sealing + locking	6 hours	-50 - +170	0,28 - 0,30
85	Turquoise	22-26 Nm	Sealing + locking	6 hours	-50 - +170	0,12 - 0,14

All data is based on screw M10 class 8.8 untreated.

- Precote is a chemical thread locking and thread sealing.
- Threads are pre-applied with Precote.
- At assembly micro-capsuled chemical substances are released and a hardening process begins.

The above product is marketed by Mattssons.

- Precote can be applied on all metallic materials and different surface treatments.
- Precote can be applied on threads from M3.
- Precote can be stored for 4 years if the storage has an atmospheric humidity of max. 65% and a temperature between 12 and 28°C.

## Product overview, Locking elements/Seals

**Table 106.4 Dri-Loc®**

Dri-Loc®	Colour	Min. unripping without pre-tension	Main function	Time to full function	Temp. °C limit
2010	Yellow	12* Nm	Locking	6-12 hours	180
2040	Pink	15 - 25 Nm	Locking	6-12 hours	150

Dri-Loc® 2040 is especially suitable for surface treated articles.

\*It is valid for M10 zinc phosphatised screws and nuts 24 hours in 22°C.

Source: Loctite catalogue.

**Table 106.5 Dri-Loc®**

Dri-Loc®	Colour	Screw-off torque 1st disassembly	Main function	Time to full function	Temp. °C limit
Plastic	Red	1,5 Nm	Locking	Immediately	-55 - +120

Dri-Loc® Plastic.

All data is based on screw M10 class 8.8 untreated.

Non-hardening thread locking that increases the friction in the thread.

Can be assembled/disassembled up to 3 times.

Source: Loctite catalogue.

**Table 106.6 Dri-Seal®**

Dri-Seal®	Colour	Main function	Time to full function	Temp. °C limit
5061	Light blue	Sealing	6-12 hours	-10 - +130

Dri-Seal® 5061.

Source: Loctite catalogue.

Non-hardened, water-based thread sealing that immediately seals against high pressures. Seals against most fluids and gases.

**Table 106.7 3M®**

3M®	Colour	Min. unripping without pre-tension	Main function	Temp. °C limit
2353	Blue	9 Nm	Locking	-80 - + 90
4291	White		Sealing	-25 - +150

3M® 4291.

Source: 3M.

Non-hardened, water-based thread sealing that immediately seals against high pressures. Seals against most fluids and gases.