

**Table 106.8 Selection Loxeal® Thread locking**

Loxeal® product	Description	Max. Bogus	Fixing time in minutes	Unriveting force (ISO 10964)*	Temp. °C range
24-18	<b>Weak,</b> easy to dismantle with ordinary tools	M24 0,20 mm	15-30	4-8 Nm	-55 - +150
55-03	<b>Medium strong,</b> allround, oil tolerant, drinking water approved	M36 0,25 mm	10-20	17-22 Nm	-55 - +150
83-55	<b>Strong,</b> oil tolerant	M20 0,15 mm	10-20	28-35 Nm	-55 - +150
86-72	<b>Strong,</b> for coarse threads and high temperatures, DVGW approved for gas	2" 0,30 mm	20-40	20-35 Nm	-55 - +230
70-14	<b>Capillary effecting,</b> weld and pore sealing, can be applicated after assembly	M5 0,07 mm	10-20	15-25 Nm	-55 - +150

\*ISO 10964: Bolt M10 x 20, quality 8.8, nut h=0,8d.

Source: Loxeal.

A majority of the products are fluorescent under blue light.

**Table 106.9 Selection Loxeal® Thread sealing**

Loxeal® product	Description	Max. Bogus	Fixing time in minutes	Unriveting force (ISO 10964)*	Temp. °C range
18-10	<b>Thread sealing with PTFE</b> white, weak locking adjustable, AGA/DVGW approved for gas and water	M80 3" 0,30 mm	20-40	7-10 Nm	-55 - +150
53-14	<b>Pneumatic-hydraulic sealing</b> DVGW approved for gas	M20 3/4" 0,15 mm	10-20	12-16 Nm	-55 - +150
55-37	<b>Thread sealing reinforced,</b> flexible, DVGW approved for gas	1 1/2" 0,20 mm	15-30	18-22 Nm	-55 - +150
58-11	<b>Gas and oil sealing</b> approved for gas, water; oil, oxygen according to DVGW, LPG (AGA), BAM, WRC	M80 3" 0,50 mm	15-30	18-22 Nm	-55 - +150

\*ISO 10964: Bolt M10 x 20, quality 8.8, nut h=0,8d.

Source: Loxeal.

The majority of the products are fluorescent under blue light.