



Product information

Threadlock T442

Bardahl Threadlock T142 has been developed for the locking and securing of screw threads on metal pipes and fittings in pneumatic as well as hydraulic systems. Until R 3/4".

Applications

Bardahl Threadlock T442 eliminates the need for twin security nuts or welding of critical assemblies. Using Treadlock **T442** allows a reduced casting thickness to be used, and eliminates castings being cracked due to interference stresses. The product viscosity allows usage on fine to medium threads for applications that do not require periodic strip down.

Direction

Using **Bardahl Threadlock T442** is easy to use and is colour coded brown to assist selection. The application of heat may be required to assist in the removal of parts. Primers can be used. However up to 30% strength loss can occur when doing so. Ensure parts are clean, dry and free from oil and grease.

Advantages

- ISO 9001 and 9000
- Excellent shelf life
- Prevents leakage and corrosion
- Eliminates assembly stress
- Excellent durability
- Product is normally hand applied direct from the bottle.
- Superior chemical and physical properties

Analitical data (liquid product)

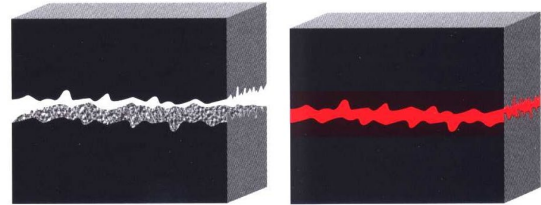
Colour	Brown/ fluorescent
Viscosity mPas	400-700
Temperature reach	-50° tot 130°C
Density (25°C)	1,05 g/cm ³
Max. thread diameter	0.15mm
Flash point	>100°C
Shelf life	1 year at room temperature

Analyse-gegevens(cured product)

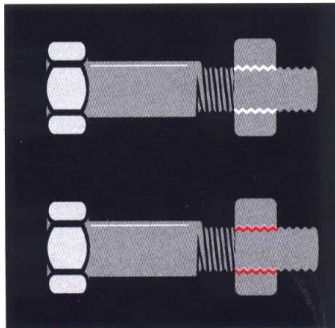
Initial strength after	10-20 minutes	
Fuctional strenght	1-3 hours	
Final strength	3-6 hours	
Loose-braek torque	14 – 20 Nm (M10)	DIN 54454
Prevailing torque	16-22 Nm (M10)	DIN 54452
Termal range	-55°C up to +150°C	

MECHANISM OF BARDAHL ANAEROBIC LOCKING AND SEALING

Microscopic irregularities exist even with Precision machined parts. It reduces gaps at contact between assembled parts. **Bardahl Threadlock** fills these gaps allowing maximum contact and evenly distributing forces across the joint.



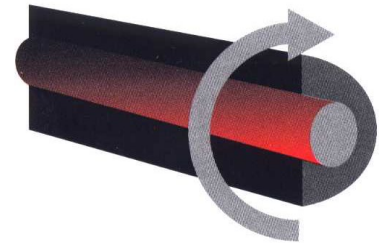
Sealing Microscopic Surface Irregularities



Locking and Sealing Threads

Bardahl anaerobic adhesive fill threads completely and prevents loosening from movement and vibration. Anaerobics are available with predetermined break points and equivalent strengths

Bardahl anaerobic gaskets permit the application of maximum metal to metal clamp load. Unlike pre-cut gaskets, they do not weaken or creep. There is no need to re-torque Bardahl retaining adhesives augment the strength of interferences fits and to permit the design of slip fitted assemblies. The seal resists moisture penetration and corrosion.



Retaining Cylindrical Assemblies

Article number 97031
Contents 50 ml