



TECHNICAL INFORMATION

943 Threadlocker

DESCRIPTION

943 is a medium strength Threadlocker designed to be used on parts in an "As Received" condition. It is capable of resisting harsh environments up to 175°C. 943 is a removable Threadlocker.

APPLICATIONS

High Temp 943 is designed for direct application onto as received parts, where surrounding parts contamination is a problem in maintenance.

USEFUL HINTS/NOTES

Where possible, remove thick deposits of grease or dirt. However 943 will penetrate a film of oil once it has been tightened.

PROPERTIES

Use as a conventional medium strength locker on cleaned parts with strengths up to 22Nm or as a convenient all purpose locker on oily parts with 8-12Nm typical strength depending on oil type and film.

DIRECTIONS FOR USE

- Parts should be clean, dry and dust free.
- Degreased parts will assist results.
- Apply sufficient product to fill joint.
- Assemble parts in traditional manner.
- To achieve handling strength allow product to cure (approximately 30 minutes).
- Store in cool conditions.
- Keep out of direct sunlight.

COMPATIBLE ACTIVATORS

Activators such as 7800 Structural Activator or the faster 7600 Structural Activator can be used, however, up to 30% strength loss can occur when using accelerators.

TECHNICAL FEATURES

Physical Properties (liquid product)

Chemical base: Methacrylate Diester
Colour: Blue / Flourescent
Viscosity: 25°C Brookfield DVII
1500-2000mPas Spindle 3 @ 20rpm
Density: 1.10 25°C
Max.thread diameter: M36
Max. gap filling: 0.25mm
Flash point: >100°C

Physical Properties (cured product) @23°C

Measured on M10 x 20 bolt, loose free running. (ISO)

1. Initial strength: <15 minutes on steel
2. Functional strength: 0.5 – 1 hour
3. Final strength: 12 hours
4. Loose-break torque: <21Nm (M10) (DIN)
5. Prevailing torque: <10Nm (M10) (ISO)
6. Shear strength: 8-12 N/mm²
DIN54452
7. Thermal range: -55°C up to +175°C

STORAGE

Shelf Life:12 months @ 20°C

PACKAGING

Bottles: 10ml, 50ml & 250ml Bulk up to 20kg

HEALTH & SAFETY IN USE

Please refer to MSDS

IRRITANT: R43 - R36/37/38 - S23 - S24/25 - S37/39 - S51

Contains Methacrylate Esters

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Portobello Industrial Estate, Birtley, County Durham, United Kingdom, DH3 2RE Tel: +44 (0)191 411 3191 Fax: +44 (0)191 411 3192
E-mail: info@holdtite.com Web: www.holdtite.com

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