

MEDIUM-STRENGTH THREADLOCKER | MEDIUM-STRENGTH

ANAEROBIC ADHESIVES

Product hardening (polymerisation) takes place under the absence of atmospheric oxygen (anaerobic) and with the catalytic action of the metal (contact with metal). Seals and closes off many types of screw connections.

- fast curing on a large number of ferrous metals
- high resistance to vibrations
- secured medium-duty screws should be removed with tools
- increased oil compatibility

Compared to standard anaerobic adhesives, this product is completely non-hazardous. In addition to a longer shelf life of 24 rather than 12 months, it also offers the user improved storage stability and increased temperature resistance by up to +180 °C in use.



TECHNICAL FEATURES OF UNHARDENED PRODUCT

Chemical basis:	Modified acrylate
Colour:	Blue, fluorescent
Viscosity ¹⁾ [mPas]:	1,500-4,000
Density ²⁾ [g/ml]:	1.08-1.10
Max. thread diameter:	M36
Flash point ³⁾ [°C]:	> +65
Processing temperature [°C]:	10-40

¹⁾ At 25 °C, Brookfield viscometer

²⁾ Measured according to DIN 53217, part 2 density ball model 475/III

³⁾ Measured according to DIN 51755

TECHNICAL FEATURES OF HARDENED PRODUCT

Breakaway torque [Nm]:	15-25
Temperature range [°C]:	-55 to +180

HARDENING PROPERTIES

Fixture time after [min]:	5-15
Functional strength after [h]:	3-6
Final strength after [h]:	12-24

CONTAINER SIZES/ARTICLE NUMBER

10 ml bottle

Article number: 70010000175

STORAGE AND SHELF LIFE

The shelf life is a maximum of 24 months, at the optimal storage temperature of between +5 °C and +23 °C in the original closed container. A higher storage temperature will lead to a significantly shorter shelf life. The storage temperature must not go below +5 °C.

APPLICATION INFORMATION

The medium-strength threadlockers are not suitable for: Metal and plastic flange connections, in areas where oxygen gas is used, or for sealing against media with strongly oxidising acids. The product must only be applied on standard metal threads. The surface concerned must be free of grease and completely clean. Then completely fill the gap between the two parts with the threadlocker, put the parts together and seal completely. An inadequate seal can lead to leaks over time. Do not move the parts after the hardening process has started. Let the bond completely harden for 24 hours before commissioning. In the case of series productions, clamp or secure the bond with a pipe wrench to avoid the layer that is already forming during the hardening process from breaking up. Please consult the safety data sheet before using the product.

NOTE:

Please observe all the information and notes in our safety data sheet. The details provided there are for information purposes only and are believed to be reliable to the best of our knowledge. We accept no liability for the results obtained. This product is recommended for professional and experienced users only. Users themselves are responsible for taking precautions to protect people and property from hazards that may arise from handling and using this product. In light of this, SWG specifically disclaims any warranty, express or implied, including all warranties of merchantability or fitness for a particular purpose. SWG particularly disclaims any liability for consequential damage or direct damage of any kind.