



WINKEL PRO 2W43

MEDIUM STRENGTH THREADLOCKER

TECHNICAL DATA SHEET

Description / Uses

WINKEL PRO 2W43 seals and blocks all kinds of bolt connections. The product curing (polymerisation) is carried out under the exclusion of atmospheric oxygen (anaerobic) and the catalytic action of the metal (metal contact). High resistance against vibrations, polymerises very fast on a high variety of iron metals. Moderately difficult to disassembly. WINKEL PRO 2W43 features a high resistance to oil. As a non-hazardous product, it has a better shelf-life and a high temperature resistance up to +180°C.

Technical properties (uncured product)

Chemical base:	Methacrylate, anaerobic resin
Colour:	Blue
Density:	1,13-1,19 g/ml (DIN 53217)
Viscosity (25°C):	1500-4000 mPa·s (Brookfield)
Max. clearance Ø:	M36
Flashpoint :	> +100°C (DIN 51755)
Application temperature:	optimum at +25°C

Technical properties (cured product)

Breakaway torque:	15-25 Nm
Prevailing torque:	20-30 Nm
Max. gap filling:	max 0,25 mm
Temperature range:	-55°C to +180°C
Handling cure time:	5-15 min
Functional cure time:	3-6 h
Final strength:	12-24 h

Information about application

Surface must be clean and free of grease. For this, use degreaser agent WINKEL Pro Fast Cleaner. Apply product to fill the gap completely (male and female parts), assembly parts and shut completely. A bland or superficial closure may cause leakage over time. Don't move after tightening. Before operating the system, wait for 24 hours to allow complete curing time. In case of serial products, lock the joint with a pipe wrench to avoid breaking the previous film in its formative stages. In case of passive surfaces and/or low temperature, a fast cure can be obtained using WINKEL PRO Anaerobic Activator. By usage of an activator, the curing values may drop by 15%. This product is not suitable for metal-plastic couplings and oxygen facilities as well as for the sealing of basic products or systems with strong oxidizing acids. Use only on standard metal threads. Consult the MSDS before use.

Storage & Durability

The shelf life is, at the optimum storage temperature of +5°C to +23°C in the closed original container, a maximum of 24 months. A higher storage temperature leads to a significantly lower durability. The storage temperature must not fall below +5°C.

Art. Nr. :	Packaging:
20303	50 ml
20304	250 ml
20305	1 L

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