

WINKEL PRO 5W72

LOW STRENGTH THREAD SEALANT



Technical Bulletin

WINKEL PRO 5W72 is a thixotropic product with a medium mechanical resistance. The product is especially suited to seal conical/cylindrical screw pipe connections. The product curing (polymerisation) is carried out under the exclusion of atmospheric oxygen (anaerobic) and the catalytic action of the metal (metal contact). It seals against water, compressed air, gas, gasoline, LPG as well as chemical products in private and industrial plants.

Technical properties uncured product

Chemical base:	Methacrylate, anaerobic resin
Colour:	white
Viscosity ¹⁾ [mPas]:	15000-30000
Density ²⁾ [g/ml]	1,04-1,08
Max. clearance:	M80
Flashpoint ³⁾ [°C]:	>+100
Application temperature [°C]:	optimal at +23

1) At 25 °C, Brookfield viscometer

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

3) Measured according to DIN 51775

Technical properties hardened product

Breakaway torque [Nm]:	5-15
Prevailing torque [Nm]:	5-15
Temperature range [°C]:	-55 to +180

Cured*

Handling cure time [min]:	< 15
Functional cure time [h]:	1-3
Final strength after [h]:	12-24

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. Protect the product from direct sunlight, heat, frost and moisture.

Information about application

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. 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. Consult the MSDS before use. By usage of an activator the curing values may drop by 15%.

Art. Nr. :	Packaging:
20406	50 ml
20407	250 ml
20408	1 L

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