

Pipe Sealant

TECHNICAL DATA SHEET

05K76 with Teflon, low-strength

The product curing (polymerisation) is carried out under the exclusion of atmospheric oxygen (anaerobic) and the catalytic action of the metal (metal contact). Due to its special rheological behaviour, the adhesive spreads independently, yet does not leak out of the thread. The bond can be disassembled by special tools, if necessary.



Trading units 50 ml concertina
Item no.: 05K76.Z50

Liquid properties

Chemical characteristics:	Methacrylic anaerobic resin and PTFE	
Colour:	Brown	
Viscosity:	2.000 – 3.000 mPas	25 °C Brookfield LV spindle 64; 100 U/min
Specific gravity:	1.10 g/ml	
Max. clearance:	R 3"	
Working temperature:	optimal at 23°C	
Storage:	dry and cool	
Storage life:	12 months at optimum temperature of +23°C	

Physical Properties (Cured State)

Measured on M10 x 20 - quality 8.8 zinc nut - and bolt 0.8d (without initial load), after 24 hours.

Handling cure time:	2 – 10 minutes
Functioning:	2 – 3 hours
Full cure time:	12 hours
Breakaway torque:	16 Nm
Prevailing torque:	10 Nm
Temperature range:	- 60°C up to + 150°C

Chemical Resistance in % after 1000h

Water / Glycol at 87°C:	85%
Motor oil (MIL-L-46 152) at 125°C:	95%
Gasoline at room temperature:	95%
Brake fluid at room temperature:	100%
1,1,1-Trichlorethane at room temperature:	95%
Ethanol at room temperature:	85%
Acetone at room temperature:	90%

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Instruction For Use

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 the degreaser product WIKO Industrial Fast Cleaner. Apply product to fill the gap completely (male and female parts), assemble parts and shut completely. A bland or superficial closure may cause leakage over time. Don't move after tightening. Before operating the system to wait 24 hours to allow complete curing time. In the case of serial products, locking 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 WIKO Activator Anaerobic. Consult the MSDS before use. By usage of an activator the curing values may drop by 15%.

The information contained in this data sheet, especially the suggestions for processing and application of products, is based on our experience and newest expertise. Due to the facts that materials can be very diverse and that we have no influence on the working conditions, we recommend to perform sufficient tests to validate the compatibility of the products. Our company shall neither be held liable for this information nor for a verbal or written consultation. Additionally, please consider the information of our safety data sheets.