

Technical Data Sheet

technicoll® 9862 Thread lock /sealing, high-strength



Processing note

technicoll® 9862 is a thixotropic, anaerobic adhesive suitable for gap filling high-strength bonds. technicoll® 9862 cures in between tight-fitted metal surfaces under air exclusion. The curing time depends on the surface of the material, the bonding joint gap and temperature. Bonding surfaces must be dry and clean, especially free of oil, grease or solvents.

Handling data and product data

Base	dimethacrylate
Colour	red
Fluorescent	no
Viscosity (+20 °C)	thixotropic
Density	1.1 g/cm ³
Curing time (steel M 10)	15 to 30 minutes
Curing time (brass M 10)	< 30 minutes
Gap filling capacity	0.10 to 0.30 mm
Thread maximum	M 50
Final curing	after 24 hours
Shear strength	15 – 25 N/mm ² (referring to DIN 54452)
Break loose torque	20 – 30 N/m (referring to DIN 54452)
Temperature resistance	-50 °C to +150 °C
Cleaning agent / material	technicoll® 8362 technicoll® 9901 (metal cleaner spray)
Maximum time of storage	At least 1 year when stored cool and dry in closed original packaging.
Preferred storage temperature	+10 °C to +25 °C

Technical status: 22.12.2015

Deviating information of earlier versions is invalid.

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Special notice:

All information given on this data sheet is based on our knowledge and experience at the time of printing. The information is not binding. We advise to determine the suitability of our products with respect to their intended use and method of application. Therefore, a warranty claim cannot be granted.