

TECHNICAL DATA SHEET

PRODUCT DESCRIPTION

Ajustick is an anaerobic single component product suitable to seal flat machined metal surfaces and metal threaded joints in according to din standard against water, compressed air, gas, gasoline, GPL, in private and industrial plants. The product cures spontaneously and rapidly when confined in absence of air between close metal surfaces with small gap fill. Ajustick is a Tixotropic product with low mechanical strength for surfaces, like e.g. covers, flanges, pump housings... Easy to de-install. Removable with normal tools.

FEATURED OF LIQUID PRODUCT

Nature: Methacrylic Anaerobic Resin

Application: Gasket maker, thread locker, anaerobic sealant

Color: Blue

Mechanical strength: Low

Viscosity: 25°C (Brookfield 20 rpm): 15.000 -25.000 mPa.s

Specific gravity (g/ml): 1,06

Flash point: > 100°C

Product storage: Cool and dry place

Shelf life: 16 months at temperature +5° C to +28° C.

FEAUTES OF CURED PRODUCT

Handling cure time: 10-15 minutes

Brass: 4-8 minutes

Zinc: 10-15 minutes

Steel: 15-25 minutes

Breakaway torque ISO-10964: 7-11 N.m

Prevailing torque ISO-10964: 4-9 N.m

Functional cure time: 3-6 hours

Full cure time: 12-24 hours

Temperature range: -50°C +150°C (briefely 180°C)

Max gap fill: 0,30 mm

Technical data referring to test in according to ISO 10964 on M10 x 20 qly 8.8 zinc nut and bolt - at 25°C. Break torque after 24 hours

POLIMERIZATION INFORMATIONS

Curing time depend on main factors: kind of metals, gap fill dimension or ambient temperature. At lower temperature, longer curing time. The graph below shows the strength developed with time on some kind of metal. The different materials have been tested according to ISO 10964. The right temperature range of cure is from +20°C to +25°C. Low temperature from +5°C to +20°C increase curing time, higher temperature reduce polymerization time.

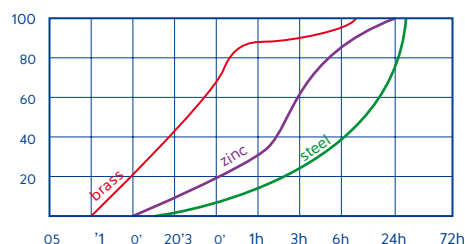
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CHEMICAL RESISTANCE

	T°C	100 h	500 h	1000 h
Water / Glycol	85	100	95	95
Brake Fluid	22	100	100	100
Motor Oil	125	100	95	95
Acetone	22	100	100	95

Test Method DIN-54454

Breakaway torque % after immersion



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 and on metal surfaces. Surface must be clean and free of grease. For this, use a degreaser product.

Apply product to fill completely the gap, assemble parts and shut completely. A bland or superficial closure may cause leaks over time. Don't open or adjust parts after tightening. Before operating the system wait 24 hours to allow complete curing time of Ajustick sealant. In case of passive surfaces and/or low temperature a fast cure can be obtained using activator.

GENERAL INFORMATION

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