

TECHNICAL DATA SHEET THREAD SEALANT

DESCRIPTION

Anaerobic single component product suitable to seal metal threaded joints against water, compressed air, gas, gasoline, etc. The product cures spontaneously and rapidly when confined in absence of air between close metal surfaces.

Complies with EN 751-1 for gas and hot water approved DIN-DVGW. Very fast sealant with additive of PTFE in order to give the polymer layer higher elasticity characteristic. Middle to de-install. Approved by DVGW and WRAS (drinkable water).

PROPERTIES OF UNCURED MATERIAL

Nature : methacrylic resin

Colour: white

Viscosity: 40000-70000 Cp (20rpm at 20°C)

Specific gravity : 1,07

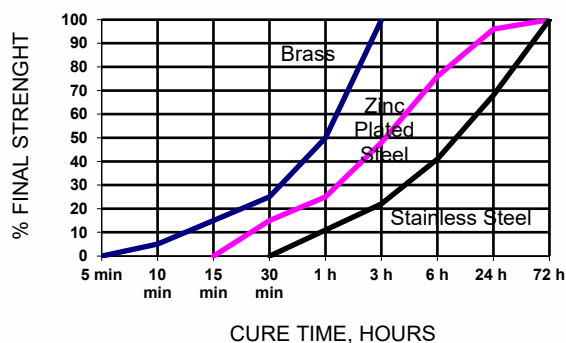
Flash point: >100°C

INFORMATION ON POLYMERISATION

The speed of cure will depend on two main factors: kind of materials, ambient temperature.

The graph below shows the strength developed with time on some kind of metal. The different materials have been tested according to ISO 10964.

SPEED OF CURE



The speed of cure will depend on ambient temperature. The right temperature range of cure is from +20°C to +25°C. Low temperature from +5°C to +20°C reduce speed of reaction, higher temperature will increase the speed.

FEATURES OF CURED PRODUCT

The following data have been referred to test carried out at 22°C, after 24 hours.

Breakaway torque	N.m	20/28
ISO-10964		
Prevail torque	N.m	10/15
ISO-10964		
Temperature strength	°C	-50°C a +150°C
Max Gap Fill	mm	0.30

CHEMICAL RESISTANCE

Test method DIN-54454

Breakaway torque % after immersion:

	T°C	100h	500h	1000h
Water/Glycol	85	95	90	85
Brake fluid	22	95	90	85
Motor Oil	125	95	90	90
Acetone	22	100	90	90
Gasoline	22	100	95	90
Trichloroethane	22	100	100	90

PRESENTATION

Flexible container of 75ml 12 units/box
Shelf life is at least 12 months from +5°C to +28°C

RECOMMENDATIONS OF MANAGEMENT RESIDUES

Recommending for reason at the content of recipient, to deliver this recipient at a management residues person authorized for its destruction or its recuperation, as well as anything element to throw out that it was with contact with this product.

GENERAL INFORMATION

For use this product in metal/plastics assembling, the compatibility of materials should be tested. Not recommended for use in oxygen facilities and as sealant for strong basic or oxidising agents. For the best performance surface should be clean and free of grease. Apply the product on the whole busy surface. Shut completely the parts. We cannot assume responsibility for the results obtained by others whose methods we have no controls. It is the user's responsibility to determine suitability of features of the product related to their own production process and to adopt such precaution for the protection of person against any hazards that may be involved in the handling and use.