

TECHNICAL DATASHEET

36-41

SE: GAS,OLJA OCH VVS-TÄTNING

NO: VVS-TETNING

FI: LVI-TIIVISTE

DK: VVS-TÆTNING

Description

36-41 Pipe Sealant with PTFE is a high viscosity thixotropic gel paste which cures rapidly, sealing instantly to 10 bar through its anaerobic cure system in contact with metals in the absence of air (oxygen). When fully cured it resists pressure up to 350 bar.

Applications

Typical applications are in sealing of all types of threaded connections against water, oil, gases and most common materials conveyed by pipes. It is not recommended for oxygen rich systems under pressure.

Where cure speed is extended due to low temperatures or inactive surfaces, activator can be used. Best results are found if Pipe Sealant with PTFE is applied to 2nd or 3rd threadform. Excess can be wiped away, any migration into lines will not solidify and can be flushed away during commissioning.

Cedesa Pipe sealant exhibits excellent results with stainless steel, brass and copper and can resist the effects of expansion and contraction without leakage. It is recommended for thread sizes between 6 – 75mm (coarse).

Instructions for use

- Ensure parts are clean, dry and free from oil and grease. Degreased parts will assist results.

- Apply sufficient product to fill joint.
- Assemble parts in traditional manner.
- To achieve handling strength allow product to cure (approx. 15-30 min)
Increase in gap size or fits extends the cure time.

Procedure for application

Product is normally applied by hand from the tube or accordion applicator.

Compatible accelerators/primers

A Standard anaerobic activator can be used, however up to 30% strength loss can occur when using accelerators.

Technical features

Resin	Methacrylate ester
Colour	Yellow / Fluorescent
Cure speed with activator	<10 minutes
Cure speed without activator	<15 minutes @ 20°C.
Viscosity (Brookfield DVII)	60,000 – 85,000 mPas (Spindle 6 @ 10rpm)
Max.gap fill	0.5 mm
Flash point	>100°C
Specific gravity	1.05 @ 20°C
Thermal range.	-50°C to +150°C.

Cured performance - (Measured on M10x20 bolt-grade 8.8 zinc galvanised – nut
0.8d loose free running(1)(2)(3))

Initial strength after	15-30 mins
Functional strength after	1-3 hrs
Final strength after	3-6 hrs
Loose break torque	15-20 N.m
Prevailing torque	10-15 N.m
Shear strength	6-13 N/mm ²

Storage

Store in cool area out of direct sunlight

Shelf life: >12 months at ambient temperature.

Presentation

From tube or accordion applicator.

Health and Safety in use

Irritant: Contains methacrylate esters. Irritates the eyes, the respiratory organs and the skin. In case of contact with the skin, wash immediately with plenty of water.

Non toxic when cured.