

## A 57.30

### Description

Anaerobic curing adhesive for the gasketing and sealing of flanges.

To replace solid gaskets, gives elastic cured films.

To seal against gases, water LPG, hydrocarbons, oils and other chemicals.

Thixotropic property prevents migration of the sealant before or during curing.

Shocks and vibrations resistances are unaffected properties of sealing in the range of temperature from -55 to +150°C.

### Physical Properties

* Composition	anaerobic methacrylate
* Colour	: green
* Fluorescence	: under blue light
* Viscosity (25°C - mPa.s)	: 80000 – 100000 HT
* Specific weight (25°C - gr/ml)	: 1,1
* Max diameter of thread/gap filling	: 0,30 mm
* Flash point	: about 100°C
* Solvent content	: none
* Shelf life 25°C (T max <28°C)	: 2 years

### Curing properties

Bolt M 10 x 20 – quality 8.8 – nut h = 0,8.d

* Handling cure time	: 20-40 minutes
* Functional cure time	: 3-6 hours
* Full cure time	: 6-24 hours
* Shear strength (ASTM D-1002)	: 4-6 N/mm <sup>2</sup>
* Tensile strength (ASTM D-20959)	: 2-4 N/mm <sup>2</sup>
* Impact strength (ASTM D-950)	: 4-8 N.mm/mm <sup>2</sup>
* Elongation at break	: more than 100%
* Temperature range	: -55+150°C

### Handling and safety properties

Refer to Material Safety Data Sheet.

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