

## Lock AN 302-43

Screw locking, medium strength, DVGW certified

Art. No. 114553

Type No. 3024/10



Exemplary illustration

The standard adhesive for locking all screws and threads up to size M 36.

For economical securing, fastening, sealing of screw, joint and surface connections. Simple, fast and economical in use, hand-tight within minutes, hardens in a few hours.

High-temperature resistant. Disassembled normally.

### Technical data

|                                             |                          |
|---------------------------------------------|--------------------------|
| Applications                                | screw locking            |
| Strength                                    | medium strength          |
| Viscosity                                   | higher viscosity         |
| DVGW approval                               | DIN EN 751-1:1997-05     |
| Description                                 | container 10 ml          |
| Colour                                      | blue                     |
| Fluorescent                                 | yes                      |
| For threaded connections up to              | M 36                     |
| Viscosity                                   | 2000 - 7000 mt mPa·s     |
| Gap bridging to max.                        | 0.25 mm                  |
| Breakaway torque                            | 17 - 22 Nm               |
| Prevail torque                              | 8 - 12 Nm                |
| Shear strength Nmm <sup>2</sup> (DIN 54452) | 9 - 13 N/mm <sup>2</sup> |
| Handling strength                           | 10 - 20 min              |
| Final strength (100% strength)              | 1 - 3 hours              |
| Thermally stable                            | -60 to 200 °C            |

disassembly with normal tools

## Commercial data

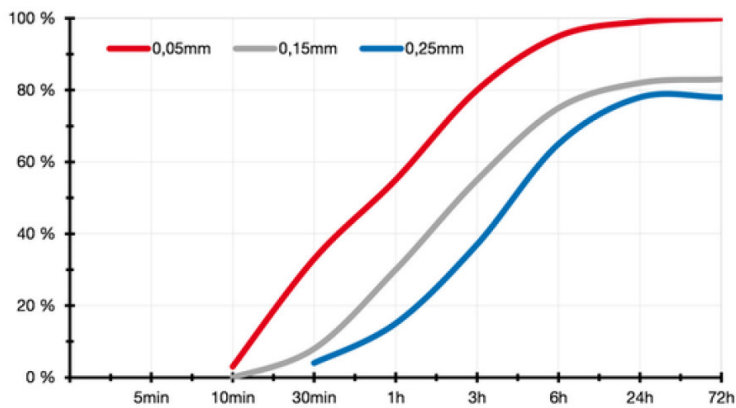
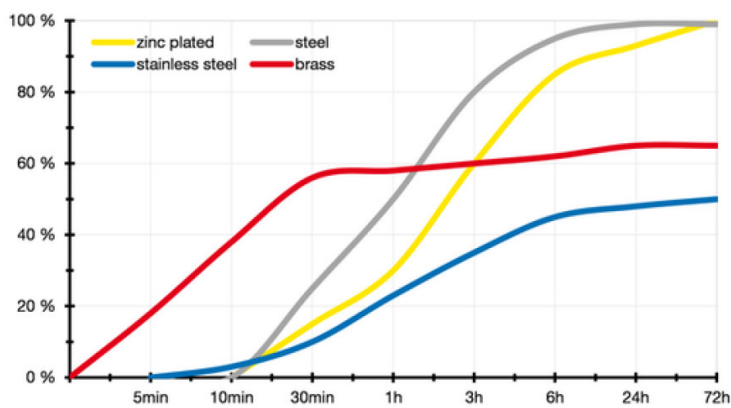
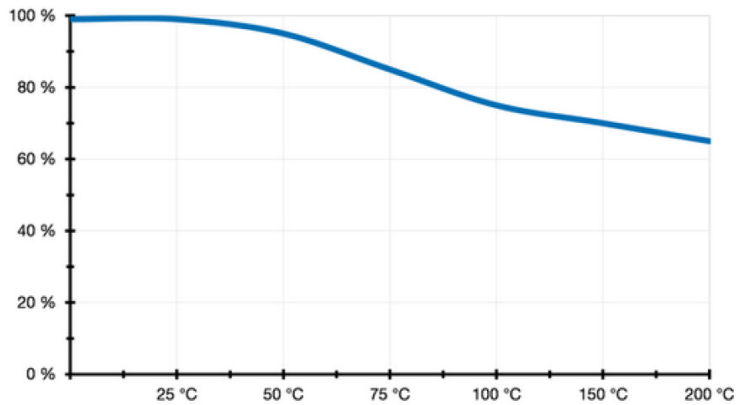
|                         |                    |
|-------------------------|--------------------|
| Customs tariff number   | 35069900           |
| Country of origin       | IT                 |
| eCl@ss 5.1.4            | 23330190           |
| eCl@ss 9.0              | 23330111           |
| UNSPSC_Code_v190501     | 31201627           |
| UNSPSC_CodeDesc_v190501 | Anaerobic adhesive |

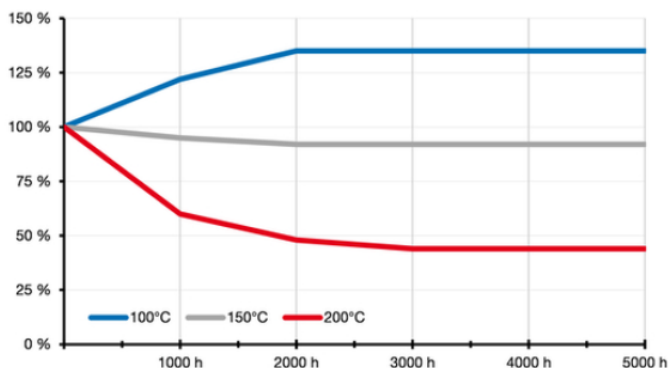
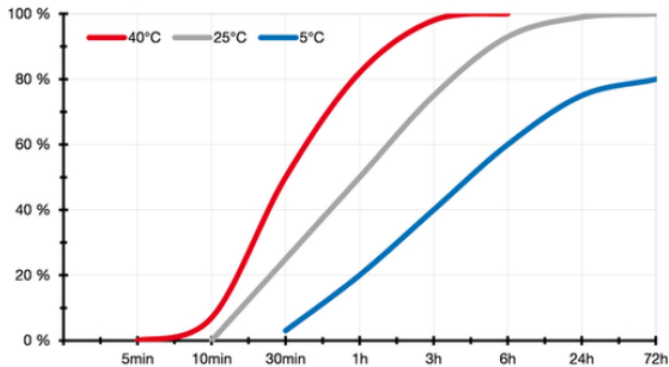
## Material informations

|                            |                            |
|----------------------------|----------------------------|
| REACH SVHC1 substance name | no                         |
| CAS no. SVHC 1             | no CAS No.                 |
| RoHS materials notice      | RoHS compliant             |
| REACH Info                 | no SVHC substance included |

## Compressive strength (free cutting steel / grub screw = 8.8)

|         |      |          |
|---------|------|----------|
| M 3x6   | max. | 1500 bar |
| M 4x6   | max. | 1500 bar |
| M 5x8   | max. | 1500 bar |
| M 6x10  | max. | 1500 bar |
| M 8x12  | max. | 900 bar  |
| M 10x16 | max. | 100 bar  |





### Surface pre-treatment

To achieve optimum results, the mounting parts should be degreased and cleaned. Lock AN 302-43 can also be used on uncleaned surfaces, e.g. screws as delivered. However, the cleaner the surface, the better the results achieved.

### Processing

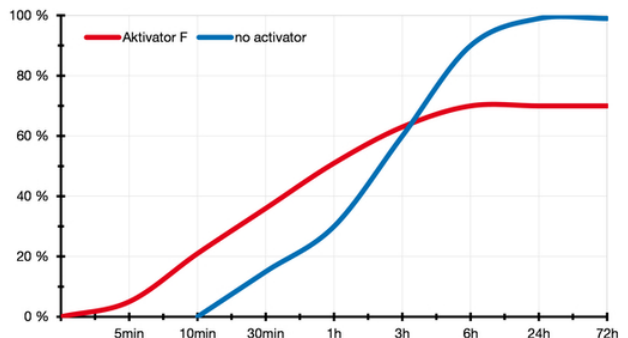
Lock AN 302-43 is applied evenly straight from the Pen with the help of the dosing tip; avoid direct contact between dosing tip / metal. For sealing applications, apply Lock AN 302-43 to the thread in circles. Assemble parts and screw tight. Do not pour any Lock AN 302-43 back into the bottle that has already come into contact with metal. Even extremely small metal particles cause the adhesive to cure inside the bottle. Therefore, in serial production, the use of dosing devices is recommended.

### Mixing

not necessary

### Curing

In the absence of oxygen and in contact with metal ions in a few seconds to minutes.



### Storage

Lock AN 302-43 has a shelf life of at least 24 months, when stored at room temperature in closed original container. Protect from heat sources and direct sunlight. The air contained in the Pen keeps Lock AN 302-43 liquid.

### Instructions for use

When using RIEGLER products, the physical, safety-related, toxicological and ecological data and regulations in our EC safety data sheets ([www.riegler.de](http://www.riegler.de)) must be observed.