

## Lock AN 302-60

Screw locking for passive materials, high strength

Art. No. 114556

Type No. 3026/50



Exemplary illustration

High-strength bonding of passive materials such as stainless steel or aluminium, no pre-treatment required

- Reduced assembly time
- High strength
- Handling strength: just 5 to 10 minutes
- Final strength: just 6 to 12 hours
- No need for pre-treatment with activator and therefore no additional emissions due to solvents

### Technical data

Applications	screw locking without pretreatment
Strength	high strength
Viscosity	medium viscosity
GHS	GHS05 GHS07
GHSSIGNAL	G
Hazard statements	H315 - Causes skin irritation. H318 - Causes serious eye damage. H335 - May cause respiratory irritation. H413 - May cause long lasting harmful effects to aquatic life.
Description	Container 50 ml
Colour	green
Fluorescent	yes
For threaded connections up to	M 20 R 3/4
Viscosity	700 - 1000 nt mPa-s
Gap bridging to max.	0.15 mm
Breakaway torque	15 - 20 Nm
Prevail torque	30 - 35 Nm
Shear strength Nmm <sup>2</sup> (DIN 54452)	25 - 35 N/mm <sup>2</sup>
Handling strength at room temperature	5 - 10 min
Final strength (100% strength)	6 - 12 hours
Thermally stable	-60 to 200 °C

hard to disassemble

## Commercial data

Customs tariff number	35061000
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.	1000 bar
M 8x12	max.	800 bar
M 10x16	max.	300 bar

## Product information

### Surface pre-treatment

To achieve optimum results, the mounting parts should be degreased and cleaned. Lock AN 302-60 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 302-60 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 302-60 to the thread in circles. Assemble parts and screw tight. Do not pour any Lock AN 302-60 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.

### Storage

Lock AN 302-60 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 302-60 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.