

Lock AN 302-21

Screw locking, low strength

Art. No. 114551

Type No. 3023/50



Exemplary illustration

Vibration-proof, threadlocking for all threads up to M12, easy disassembly.

Technical data

Applications	screw locking
Strength	low strength
Viscosity	low viscosity
Description	Container 50 ml
Colour	violet
Fluorescent	yes
For threaded connections up to	M 12
Viscosity	125 mPa·s
Gap bridging to max.	0.1 mm
Breakaway torque	7 - 10 Nm
Prevail torque	3 - 6 Nm
Shear strength Nmm ² (DIN 54452)	4 - 7 N/mm ²
Handling strength	10 - 20 min
Final strength (100% strength)	3 - 6 hours
Thermally stable	-60 to 150 °C

classified as non-hazardous

Commercial data

Customs tariff number	35061000
Country of origin	EU
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.	400 bar
M 8x12	max.	300 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 302-21 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 302-21 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 302-21 to the thread in circles. Assemble parts and screw tight. Do not pour any Lock AN 302-21 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 302-21 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 302-21 liquid.

Instructions for use

When using RIEGLER products, the physical, safetyrelated, toxicological and ecological data and regulations in our EC safety data sheets (www.riegler.de) must be observed.