

# WEICON Gun Thread Locking 302-43



## Threadlocker, medium-strength, removable with standard tools

Gun Thread Locking 302-43 is an anaerobic adhesive for securing threaded fasteners on handguns, long guns and sporting firearms of all kinds. Gun Thread Locking 302-43 prevents unintentional loosening of threaded fasteners caused by vibration or impact.

Gun Thread Locking 302-43 reliably secures a wide range of threaded fasteners. It is suitable for stock screws, mounting rails or optics, and for securing rifle scopes, sling swivels and sling swivel studs to the stock. It can also be used for attaching grip panels to the frame, securing the magazine catch, fastening the trigger guard to the rifle stock, fixing cover plates or securing mounting systems of all kinds.

Gun Thread Locking 302-43 is an anaerobic single-component adhesive that cures when it comes into contact with metal and is no longer exposed to oxygen. Thanks to its packaging, the patented pen system, the threadlocker is easy to dispense and allows for clean, precise application. The medium-strength threadlocker is resistant to temperature fluctuations and removable with standard tools.

# Threadlocking

## Technical Data

Colour	blue	
Fluorescent	yes	
For thread connections up to	M 36	
Viscosity	2.000 - 7.000 mt mPa·s	
Gap bridging up 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 h	
Temperature resistance	-60 °C to +200 °C	
Minimum shelf life	at room temperature	24 mon.
<b>Compressive strength (free cutting steel / grub screw = 8.8)</b>		
M 3x6	max.	1.500 bar
M 4x6	max.	1.500 bar
M 5x8	max.	1.500 bar
M 6x10	max.	1.500 bar
M 8x12	max.	900 bar
M 10x16	max.	100 bar

## Breakaway torque per material

Stainless steel V2A	9,2 Nm
Stainless steel V4A	17,8 Nm
Galvanised steel	19,0 Nm
Aluminium	9,5 Nm

## Torque per material

Stainless steel V2A	5,1 Nm
Stainless steel V4A	11,7 Nm
Galvanised steel	9,2 Nm
Aluminium	7,5 Nm

## Approvals / Guidelines

NSF	S4 (FDA 21 CFR)
Hygiene Institute	UBA KTW-BWGL
ISSA Code	75.628.06/04/05
IMPA Code	812912/13/14

## Surface Pre-Treatment

For optimum results, degrease and clean the parts to be assembled, e.g. with WEICON Surface Cleaner (roughen the surfaces, if required). WEICONLOCK can also be used on uncleaned surfaces, e.g. screws in their original state. However, the cleaner the surface, the better the results.

## Application

Gun Thread Locking 302-43 is applied evenly to the screw thread directly from the pen using the dispensing tip; avoid direct contact between the dispensing tip and the metal. Assemble parts and screw tight. Do not return any Gun Thread Locking 302-43 that has already come into contact with metal back into the bottle. Even extremely small metal particles cause the adhesive to cure inside the bottle.

## Mixing

not necessary

### Note

The specifications and recommendations given in this technical data sheet must not be seen as guaranteed product characteristics. They are based on our laboratory tests and on practical experience. Since individual application conditions are beyond our knowledge, control and responsibility, this information is provided without any obligation. We do guarantee the continuously high quality of our products. However, own adequate laboratory and practical tests to find out if the product in question meets the requested properties are recommended. A claim cannot be derived from them. The user bears the only responsibility for non-appropriate or other than specified applications.

WEICON Middle East L.L.C.  
United Arab Emirates  
phone +971 4 880 25 05  
info@weicon.ae

WEICON Czech Republic s.r.o.  
Czech Republic  
phone +42 (0) 417 533 013  
info@weicon.cz

WEICON GmbH & Co. KG  
(Headquarters) Germany  
phone +49 (0) 251 9322 0  
info@weicon.de

WEICON Romania SRL  
Romania  
phone +40 (0) 3 65 730 763  
office@weicon.com

WEICON South East Asia Pte Ltd  
Singapore  
Phone (+65) 6710 7671  
info@weicon.com.sg

WEICON Inc.  
Canada  
phone +1 877 620 8889  
info@weicon.ca

WEICON Ibérica S.L.  
Spain  
phone +34 (0) 914 7997 34  
info@weicon.es

WEICON Italia S.r.l.  
Italy  
phone +39 (0) 010 2924 871  
info@weicon.it

WEICON SA (Pty) Ltd  
South Africa  
phone +27 (0) 21 709 0088  
info@weicon.co.za

WEICON Kimya Sanayi Tic. Ltd. Şti.  
Türkiye  
phone +90 (0) 212 465 33 65  
info@weicon.com.tr

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## Curing

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

## Storage

Store WEICONLOCK in the unopened original container at room temperature. Avoid sources of heat and direct sunlight. The air inside the packaging helps maintain storage stability.

## Instructions for use

When using WEICON products, the physical, safety-related, toxicological and ecological data and regulations in our EC safety data sheets (www.weicon.com) must be observed.

## Accessories

10021433 Activator F, 200 ml, green  
10001256 Dosing Tip L Size 1, 1 PCE

## Available sizes

10106565 WEICON Gun Thread Locking 302-43, 10 ml, blue

## Conversion table

$(^{\circ}\text{C} \times 1.8) + 32 = ^{\circ}\text{F}$	$\text{Nm} \times 8.851 = \text{lb}\cdot\text{in}$
$\text{mm}/25.4 = \text{inch}$	$\text{Nm} \times 0.738 = \text{lb}\cdot\text{ft}$
$\mu\text{m}/25.4 = \text{mil}$	$\text{Nm} \times 141.62 = \text{oz}\cdot\text{in}$
$\text{N} \times 0.225 = \text{lb}$	$\text{mPa}\cdot\text{s} = \text{cP}$
$\text{N}/\text{mm}^2 \times 145 = \text{psi}$	$\text{N}/\text{cm} \times 0.571 = \text{lb}/\text{in}$
$\text{MPa} \times 145 = \text{psi}$	$\text{kV}/\text{mm} \times 25.4 = \text{V}/\text{mil}$

To the product detail page:



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