

WEICONLOCK® AN 302-43 Threadlocking



Threadlocking |DVGW and drinking water approval

- higher viscosity
- medium strength
- disassembly with normal tools

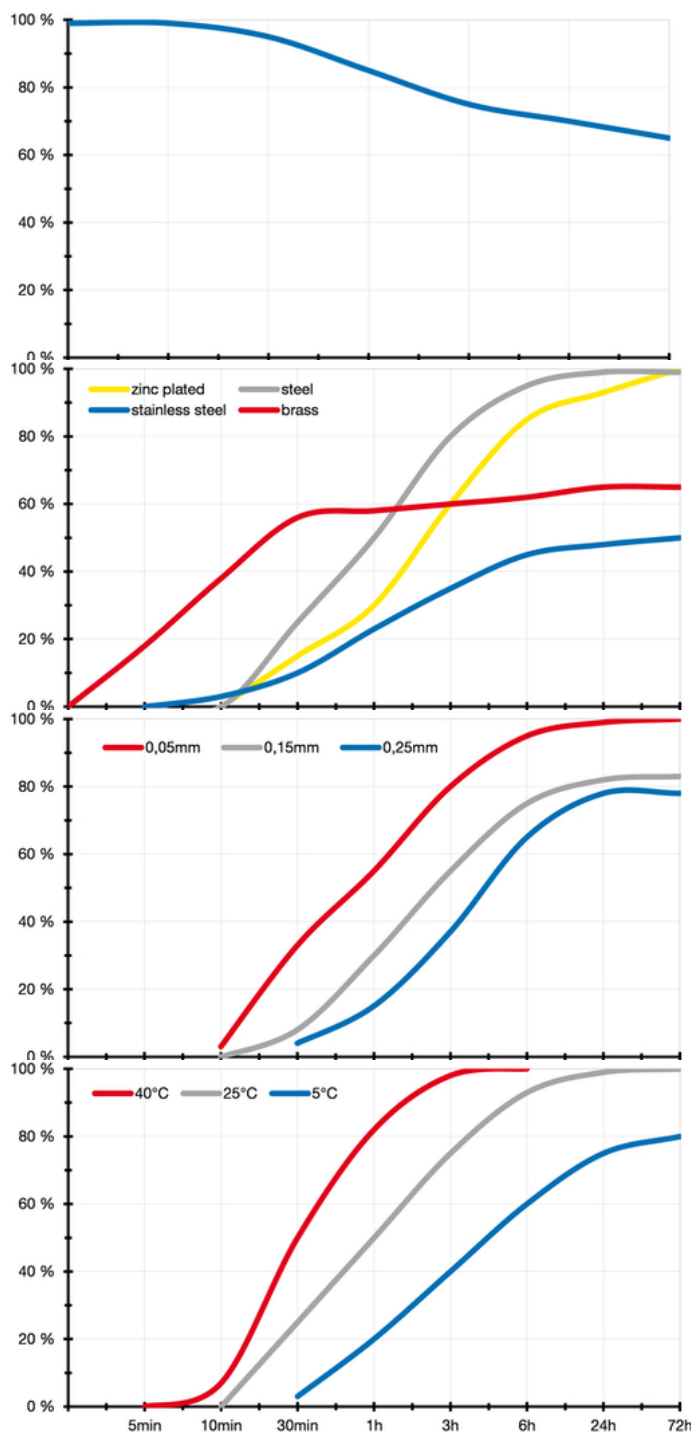
Technical Data

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 ² (DIN 54452)	9 - 13 N/mm ²
Handling strength	10 - 20 min.
Final strength (100 % strength)	1-3 h
Temperature resistance	-60°C to +200°C
Compressive strength (free cutting steel / grub screw = 8.8)	
M_3x6	max. 1.500 bar
M4x6	max. 1.500 bar
M5x8	max. 1.500 bar
M6x10	max. 1.500 bar
M8x12	max. 900 bar
M10x16	max. 100 bar

Approvals / Guidelines

Hygiene Institute	UBA KTW-BWGL
ISSA Code	75.628.06/04/05
IMPA Code	812912/13/14

Anaerobic Adhesives and Sealants



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

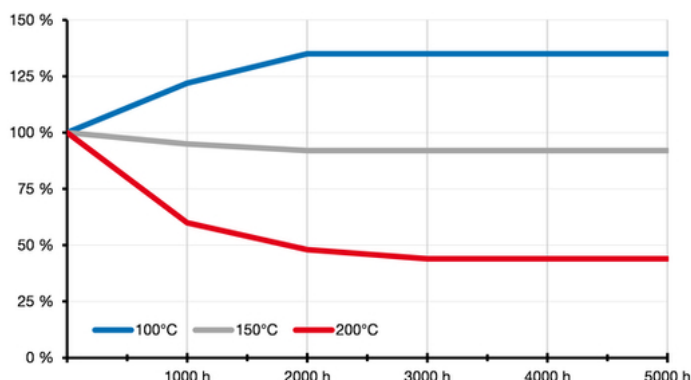
WEICON SA (Pty) Ltd
South Africa
phone +27 (0) 21 709 0088
info@weicon.co.za

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

WEICONLOCK® AN 302-43 Threadlocking

WEICONLOCK®

Anaerobic Adhesives and Sealants



Surface pre-treatment

To achieve optimum results, the mounting parts should be degreased and cleaned, e.g. with WEICON Surface (roughen the surfaces, if required). WEICONLOCK can also be used on uncleaned surfaces, e.g. screws as delivered. However, the cleaner the surface, the better the results achieved.

Processing

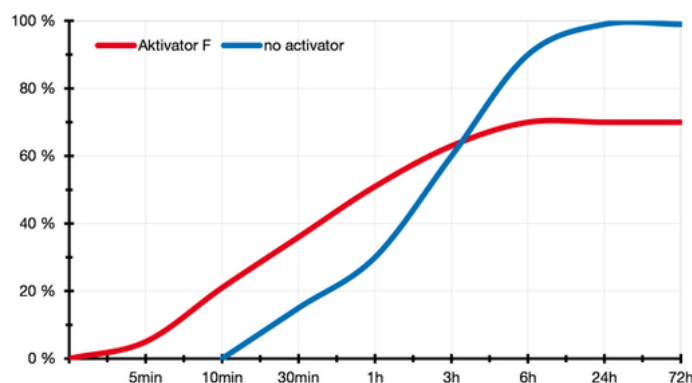
WEICONLOCK is applied evenly straight from the Pen with the help of the dosing tip; avoid direct contact between dosing tip /metal. For sealing applications, apply WEICONLOCK to the thread in circles. Assemble parts and screw tight. Do not pour any WEICONLOCK back into the bottle that has already come 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

WEICONLOCK 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 WEICONLOCK liquid.

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.

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.
Turkey
phone +90 (0) 212 465 33 65
info@weicon.com.tr

WEICONLOCK® AN 302-43 Threadlocking

WEICONLOCK® Anaerobic Adhesives and Sealants

Available sizes

10000611	WEICONLOCK® AN 302-43 Threadlocking, 3 ml, blue
10016419	WEICONLOCK® AN 302-43 Threadlocking, 20 ml, blue
10017876	WEICONLOCK® AN 302-43 Threadlocking, 50 ml, blue
10019968	WEICONLOCK® AN 302-43 Threadlocking, 200 ml, blue

To the product detail page:



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.
Turkey
phone +90 (0) 212 465 33 65
info@weicon.com.tr

WEICONLOCK® AN 302-71 Locking of Threads and Stud Bolts



Locking of threads and stud bolts

- medium viscosity
- high strength
- hard to disassemble

Technical Data

Colour	red	
Fluorescent	yes	
For thread connections up to	M 20 R ¾"	
Viscosity	500 nt mPa·s	
Gap bridging up to max.	0,15 mm	
Breakaway torque	28 - 35 Nm	
Prevail torque	50 - 65 Nm	
Shear strength Nmm ² (DIN 54452)	15 - 20 N/mm ²	
Handling strength	10 - 20 min.	
Final strength (100 % strength)	3-6 h	
Temperature resistance	-60°C to +150°C	
Compressive strength (free cutting steel / grub screw = 8.8)		
M_3x6	max.	1500 bar
M4x6	max.	1500 bar
M5x8	max.	1000 bar
M6x10	max.	700 bar
M8x12	max.	500 bar
M10x16	max.	200 bar

Approvals / Guidelines

MIL-Spec	comply with	MIL-S-46163A Type I Grade K
----------	-------------	-----------------------------

Anaerobic Adhesives and Sealants

Surface pre-treatment

Clean surfaces to be sealed.

Processing

WEICONLOCK 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 WEICONLOCK to the thread in circles. Assemble parts and screw tight. Do not pour any WEICONLOCK 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

Shelf life: at least 24 months at room temperature (+20°C).

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.

Available sizes

- 10017326 WEICONLOCK® AN 302-71 Locking of Threads and Stud Bolts, 20 ml, red
- 10017886 WEICONLOCK® AN 302-71 Locking of Threads and Stud Bolts, 50 ml, red
- 10019980 WEICONLOCK® AN 302-71 Locking of Threads and Stud Bolts, 200 ml, red

To the product detail page:



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.
Turkey
phone +90 (0) 212 465 33 65
info@weicon.com.tr

WEICONLOCK® AN 305-72 Pipe and Flange Sealing



Pipe and flange sealing (with PTFE) immediate sealing effect | drinking water and DVGW approval

- high viscosity
- medium strength
- disassembly with normal tools

Technical Data

Colour	white
Fluorescent	no
For thread connections up to	M 80 R 3"
Viscosity	17.000 - 50.000 ht mPa·s
Gap bridging up to max.	0,4 mm
Breakaway torque	7 - 10 Nm
Prevail torque	2 - 4 Nm
Shear strength Nmm ² (DIN 54452)	4 - 6 N/mm ²
Handling strength	20 - 40 min.
Final strength (100 % strength)	5-10 h
Temperature resistance	-60°C to +150°C
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. 600 bar
M_10x16	max. 200 bar

Approvals / Guidelines

Hygiene Institute	UBA KTW-BWGL
AGA	AS 4623-2008
ISSA Code	75.628.34/35
IMPA Code	815210/11

Anaerobic Adhesives and Sealants

Surface pre-treatment

To achieve optimum results, the mounting parts should be degreased and cleaned, e.g. with WEICON Surface (roughen the surfaces, if required). WEICONLOCK can also be used on uncleaned surfaces, e.g. screws as delivered. However, the cleaner the surface, the better the results achieved.

Processing

WEICONLOCK is applied evenly straight from the Pen with the help of the dosing tip; avoid direct contact between dosing tip/metal. Apply WEICONLOCK to the thread in circles. Screw the pipe thread together and tighten it to the desired alignment. When used as flange sealing, apply a continuous bead to one flange side, then assemble parts quickly and screw tight. Do not pour any WEICONLOCK 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

WEICONLOCK 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 WEICONLOCK liquid.

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, 1 PCE

Available sizes

- 10019943 WEICONLOCK® AN 305-72 Pipe and Flange Sealing, 50 ml, white
- 10026707 WEICONLOCK® AN 305-72 Pipe and Flange Sealing, 300 ml, white
- 10020003 WEICONLOCK® AN 305-72 Pipe and Flange Sealing, 200 ml, white

To the product detail page:



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.

WEICONLOCK® AN 305-77 Thread Sealing



Threadsealing | drinking water and DVGW approval | BAM

- high viscosity
- medium strength
- disassembly with normal tools

Technical Data

Colour	yellow
Fluorescent	yes
For thread connections up to	M 80 R 3"
Viscosity	24.000 - 70.000 ht mPa·s
Gap bridging up to max.	0,5 mm
Breakaway torque	18 - 22 Nm
Prevail torque	10 - 14 Nm
Shear strength Nmm ² (DIN 54452)	6 - 13 N/mm ²
Handling strength	15 - 30 min.
Final strength (100 % strength)	1-3 h
Temperature resistance	-60°C to +150°C
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. 800 bar
M_8x12	max. 700 bar
M_10x16	max. 500 bar

Anaerobic Adhesives and Sealants

Approvals / Guidelines

NSF	S2 (FDA 21 CFR)
WRAS	BS 6920-1:2000
Hygiene Institute	UBA KTW-BWGL
DVGW	DIN EN 751-1
AGA	AS 4623-2008
ISSA Code	75.628.13/14
IMPA Code	815214/15

Surface pre-treatment

To achieve optimum results, the mounting parts should be degreased and cleaned, e.g. with WEICON Surface (roughen the surfaces, if required). WEICONLOCK can also be used on uncleaned surfaces, e.g. screws as delivered. However, the cleaner the surface, the better the results achieved.

Processing

WEICONLOCK is applied evenly straight from the Pen with the help of the dosing tip; avoid direct contact between dosing tip/metal. Apply WEICONLOCK to the thread in circles. Screw the pipe thread together and tighten it to the desired alignment. When used as flange sealing, apply a continuous bead to one flange side, then assemble parts quickly and screw tight. Do not pour any WEICONLOCK 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

WEICONLOCK 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 WEICONLOCK liquid.

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, 1 PCE

Available sizes

- 10019949 WEICONLOCK® AN 305-77 Thread Sealing, 50 ml, yellow
- 10020011 WEICONLOCK® AN 305-77 Thread Sealing, 200 ml, yellow
- 10034148 WEICONLOCK® AN 305-77 Thread Sealing, 300 ml, yellow

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.

WEICONLOCK® AN

305-77 Thread Sealing

WEICONLOCK®

Anaerobic Adhesives and Sealants

To the product detail page:



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.
Turkey
phone +90 (0) 212 465 33 65
info@weicon.com.tr