

# New



## Thread Sealing Cord

### DF 175

WEICON DF 175 is a patented thread sealing cord made of 100% PTFE that seals almost all metal and plastic threads permanently and safely. WEICON DF 175 reliably compensates the intermediate space on the threads and creates a PTFE film in the required thickness during the screwing procedure. This film is extremely resistant to almost all chemicals, even the most aggressive solvents, caustic agents, and acids.

WEICON DF 175 is non-flammable and operates reliably in a temperature range from  $-200^{\circ}\text{C}$  ( $-328^{\circ}\text{F}$ ) to  $+240^{\circ}\text{C}$  ( $+464^{\circ}\text{F}$ ).

WEICON DF 175 is very economical: 1 roll replaces up to 20 rolls of PTFE tape (12 mm x 0,1 mm x 12 m).

In contrast to other sealing materials, for which the fabric solely acts as a base for the actual sealant, WEICON DF 175 itself is the sealing material. A separation of the base material and the sealing material over the service life of the screw connection is thus excluded.

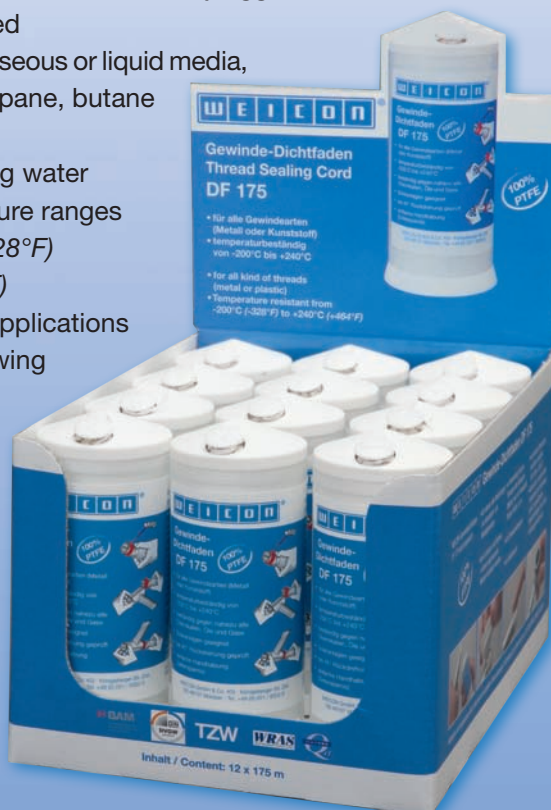
WEICON DF 175 is durable for an unlimited period of time and stays permanently soft and elastic.

WEICON DF 175 is used

- for almost all sealing of plastic and metal threads
- for ducts and pipes in which extremely aggressive media are transported
- in connection with gaseous or liquid media, such as oxygen, propane, butane and many more
- in the area of drinking water
- in extreme temperature ranges between  $-200^{\circ}\text{C}$  ( $-328^{\circ}\text{F}$ ) and  $+240^{\circ}\text{C}$  ( $+464^{\circ}\text{F}$ )
- in the area of solar applications
- wherever an unscrewing of the connection (tested up to  $45^{\circ}$ ) without weakening of the sealing effect is required

#### Packing unit:

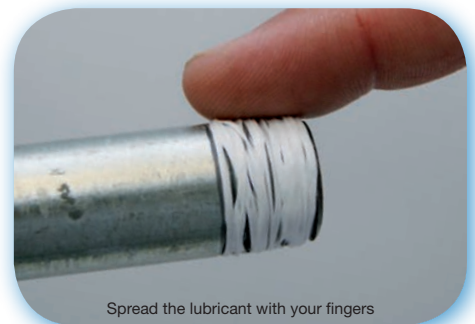
175 m  
plastic can  
Art. No.: 30010175-5



Wind up the sealing cord from the beginning of the pipe in direction of the thread, with overlaps



Apply 2-3 drops of the lubricant (in the removable bottom) to the sealing thread - biodegradable



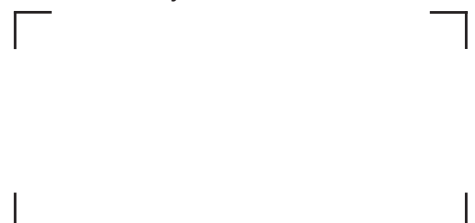
Spread the lubricant with your fingers



Screw the pipe bend onto the thread



Distributed by:



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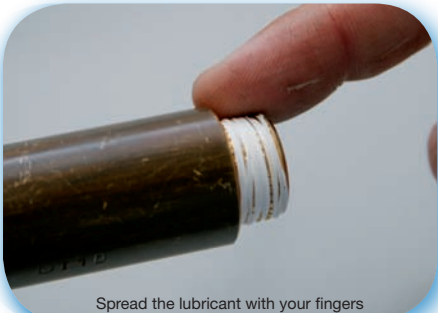
Wind up the sealing cord from the beginning of the pipe in direction of the thread, with overlaps



Apply 2-3 drops of the lubricant (in the removable bottom) to the sealing thread - biodegradable



Spread the lubricant with your fingers



Screw the pipe bend onto the thread



### Properties and advantages:

- Monofilament (one cord) made of 100% PTFE
- Resistant to mould, bacteria, and fungus
- Resistant to microbiological stress and non-oxidizing
- Resistant to organic and inorganic chemicals, such as mineral acids, peroxides, hydrocarbons, chlorinated solvents, etc.
- Suitable for almost all thread connections
- Tested and approved by the most well-known international testing institutes or standards, such as KTW, WRAS, BAM, DVGW, UL
- Cost- and time-saving application
- Easy and fast installation from a practical dispenser with an integrated 360° cutter



**Instructions for use:** Wind up the sealing cord from the beginning of the pipe in direction of the thread, overlapping randomly. Make sure that enough material has been applied at the beginning of the pipe. Apply 2-3 drops of the lubricant (in the removable bottom) on the sealing thread and spread it with the fingers on the sealed area. The lubricant is harmless and biodegradable (do not use lubricant in combination with liquid oxygen).

### Observe the following guideline:

- 1/2" - 12 (fine thread) to 18 (coarse thread) windings
- 1 1/2" - 16 (fine thread) to 24 (coarse thread) windings

The number of windings must be accordingly adapted to the diameter of the pipe.

### Approvals:

- DVGW for gas according to DIN EN 751-3 FRp and GRp and DIN 30660
- Unscrewing up to 45° tested and certified by DVGW
- Drinking water test according to the KTW recommendation of the Bundesgesundheitsamt (German Health Authority)
- DVGW test up to 100 bar according to DIN EN 751-3 FRp and GRp at room temperature
- BAM-tested for oxygen, gaseous: up to 30 bar/+100°C (application with lubricant)
- BAM-tested for oxygen, liquid: up to 30 bar/+100°C (application without lubricant)
- WRC approval for Great Britain
- UL-listed: sealing material 19BN File MH26734, up to max. 1 1/2", for pipelines in combination with petrol, petroleum, propane, butane, naphtha, gas (<300 psig)
- ASTM F423 tested for steam and cold water
- KIWA GASTEC Qa (NL): norm. 31, Class "20"



### WEICON GmbH & Co. KG

Königsberger Str. 255 · DE-48157 Münster  
P.O. Box 84 60 · DE-48045 Münster

Tel. +49 (0) 251 / 93 22-0  
Fax +49 (0) 251 / 93 22-244  
Fax +49 (0) 251 / 93 22-233 *Export*  
www.weicon.de · info@weicon.de

### WEICON

**Middle East L.L.C.**  
Jebel Ali Ind Area 3  
P.O. Box 118 216  
Dubai · U.A.E  
Phone +971 4 880 25 05  
Fax +971 4 880 25 09  
Mobile +971 50 545 99 83  
www.weicon.ae  
info@weicon.ae

### WEICON Inc.

20 Steckle Place · Unit 20  
Kitchener · Ontario N2E 2C3  
Canada  
Phone +1 519 896 5252  
Fax +1 519 896 5254  
Cell +1 519 590 5168  
www.weicon.ca  
info@weicon.ca