

Thread Sealing Cord DF 175



for metal and plastic threads

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°C (-328°F) to +240°C (+464°F).

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



Surface pre-treatment

Best results will be achieved on cleaned, degreased parts (use WEICON Surface Cleaner).

Processing

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:

½" - 12 (fine thread) to 18 (coarse thread) windings

1½" - 16 (fine thread) to 24 (coarse thread) windings

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

Safety and health

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

Available sizes:

30010175 Thread Sealing Cord DF 175 175 m

Accessories:

11202400 Sealant and Adhesive Remover, 400 ml
11207400 Surface Cleaner, 400 ml

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

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

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

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

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

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

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

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

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