

Anaerobic Adhesives and Sealants

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 durable for an unlimited period of time and stays permanently soft and elastic. WEICON DF 175 is very economical: One roll replaces up to 20 rolls of PTFE tape (12 mm x 0,1 mm x 12 m).

Technical Data

Shelf life	∞ mon.
Minimum shelf life	at room temperature ∞ mon.

Approvals / Guidelines

ISSA Code	75.628.40
MIL-Spec	complies with MIL-T-83523

Surface Pre-Treatment

To achieve optimum results, the mounting parts should be degreased and cleaned, e.g. with WEICON Surface Cleaner.

Application

Wrap the thread sealing cord in the same direction as the thread, starting at the head end of the pipe. Make sure that enough material is applied to the front end of the pipe. Apply 2-3 drops of the lubricant (in removable base) to the sealing thread and spread it with your finger. The lubricant is harmless and biodegradable. (Do not use in lubricant in combination with liquid oxygen). The following guidelines must be observed: 1/2" - 12 (fine thread) to 18 (coarse thread) wraps 1 1/2" - 16 (fine thread) to 24 (coarse thread) wraps The number of wraps must be adjusted according to the diameter of the pipe.

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.

Available sizes

10026655 Thread Sealing Cord DF 175, 175 m

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