



Weicon Thread Sealing Cord DF 175

Weicon Thread Sealing Cord DF 175 is a patented thread sealing solution made from 100% pure PTFE. This high quality product permanently and completely seals almost all plastic and metal threads. It does this by compensating for the intermediate space on threads and uses the force generated from the fastening procedure to create a PTFE film in the exact thickness required to seal.

Unlike some other thread sealing solutions that use PTFE and a carrier material, DF 175 is pure PTFE and therefore eliminates the chance that separation of the PTFE and the base carrier could result in reduced lifespan.

Thread Sealing Cord DF 175 exhibits excellent resistance to a wide range of highly aggressive chemicals, is easy to apply and non-flammable. It is typically used for the permanent sealing of pipes and ducts that carry aggressive chemicals, oxygen, propane, butane, solvents, caustic agents, acids or drinking water. DF 175 will tolerate a slight unscrewing of the threaded connection (tested up to 45°) without its sealing effect being weakened.

Each container of DF 175 contains not only the thread sealing cord but also a small amount of lubricant (accessed via the containers removal bottom) to help ease fastening of the threaded connection. DF 175 is also very economical to use as one pack can replace up to 20 standard rolls (12mm x 0.1mm x 12mtrs) of conventional PTFE Threadseal tape.

Properties

Colour	White
Temperature Resistance	-200°C to +240°C
Minimum Shelf Life	24 Months

Approvals and Recognitions

- 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 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 at 100°C (application with lubricant)
- WRC approval for Great Britain
- UL Listed sealing material (19BN File MH26734) up to 1 ½" pipelines in combination with petrol, petroleum, propane, butane, naphtha, gas (<300 PSIG)
- ASTM F423 tested for steam and cold water
- KWA Gastec Qa (NL): nom. 31, Class "20"

Visit: www.agaus.com.au

Phone: 1300 098 060

Important

This information should not be treated as a substitute for specific technical advice. AG does not offer such advice and cannot warrant the performance or suitability of products for particular applications.



GASKET TAPES



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Processing

Wind the thread sealing cord from the beginning of the pipe in the 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 lubricant to the sealing thread and spread across the sealing area. The lubricant is harmless and biodegradable (but should not be used when sealing oxygen).

The following guidelines should be observed:

Threads up to ½" Ø

12 wraps for fine threads, 18 wraps for coarse threads.

Threads up to 1 ½" Ø

16 wraps for fine threads, 24 wraps for coarse threads.

The number of wraps must be adjusted to the diameter of the pipe / thread.

Availability

Weicon Thread Sealing Cord DF 175 is available in individual containers. Each container has 175mtrs of cord and the appropriate amount of lubricant.

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