



Technical data sheet

Tangit UNi-LOCK Pipe Sealing Cord

I. Material

Product name:
Tangit UNi-LOCK Pipe Sealing Cord

Material type:
Pre-coated multifilament thread

Intended use:
Tangit UNi-LOCK Pipe Sealing Cord is a general purpose threaded pipe sealant.

It enables to seal threaded components (ISO 7/1) such as pipe couplings and fittings, with either parallel or tapered threads. The operating ranges are cold and hot water supply till 130°C and the gas range. Particularly suitable in situations where threaded assemblies are required to be ready for immediate use and may undergo small readjustment before use.

Package size:
Dispenser with 80 meters content

Shipping carton:
TIF 20 = 20 dispensers

II. Characteristic features

- supplied in handy containers
 - storage
 - dispensing
- potable water and gas approval (KTW & DVGW, Germany and BS, Great Britain)
- for all kind of threads
- Recommended for use on fittings up to a maximum of 6" O.D.
- Fast and easy to apply
- Adjustable
- Provides instant seal immediately after assembly
- Easy to disassemble
- Non-irritant

Technical data

Raw material basis:

Thread: Poliamid
Coating: Inert proprietary past, containing silicone

Temperature resistance: -20°C till + 130°C

Resistability: Resistant against 1st, 2nd and 3rd family gases (3rd family in the vapour phase), hot and cold water, gas condensates, compressed air and industrial oils. Not recommended for use in pure oxygen and/or oxygen rich systems as well as for chlorine or other strong oxidising materials as well as for fuel, diesel or fuel oil.

Table of consumption:

Diameter	no. of turns*	max. number of connections
1/2"	6-7	200
3/4"	7-9	140
1"	8-12	100
1 1/2"	10-15	55
2"	15-25	30
2 1/2"	20-30	18
3"	25-35	10
3 1/2"	30-40	8
4"	35-45	6

* The details in the table are objective values. When threads are not produced in accordance with DIN 2999-1 or ISO 7/1, the number of turns can vary. For plastic-threads, the number of turns is about 30% higher.

III. Technical instructions for use

Preparation of the thread to be sealed:

If necessary, a brush has to be used to clean a metallic thread. It is recommended to roughen the metallic thread with, e.g. a saw blade before the wrap-procedure.

Application:

The fibre is wound onto the pipe threads in the same direction as the thread helix starting from the end of the pipe. The grooves of the threads should be roughened with a saw blade or file and then filled without completely masking the points of the thread. The fibre can be cut to length using the cutting edge on the lid of the container. The fibre is spiral wound in the container and will unwind without snagging for simple dispensing. Ensure that the product is applied with certain pretension.

This product is not recommended for use in pure oxygen and/or oxygen rich systems and should not be selected as a sealant for chlorine or other strong oxidising materials.

IV. Special instructions

Storage:

The containers should be kept sealed until use. For long term storage purposes the containers should be stored in a cool, dry location. For further specific shelf-life information, contact your local Technical Service Centre.

Shelf life:

The shelf life amounts at least 2 years from date of filling, which is displayed on the container and the shipping carton.

Approvals:

This product has been tested and conforms to EN 751-2 for a class ARp compound which forms the basis for DVGW approval (Certificate No. DV-5142AU2491). The product has been approved for application in potable water pipe fittings and connections for cold and hot water. It also has potable water approval to BS 6920 (1996). Copies of the approval certificates can be obtained through your local Technical Service Centre.

Internet:

www.henkel-installation.de

In the drawing up of this technical data sheet the present state of technology has been considered in accordance with our experience.



Please note: The above information can only be of a general nature. Because of the various modes of processing and use being beyond our control and of the large variety of materials we recommend that sufficient tests always be carried out. No liability for particular results of application based on the information and instructions given in this leaflet can therefore be given. Warranty applies exclusively to the consistently high quality of our products in connection with our sales conditions.

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