

Tangit

Tangit Uni-Lock

Pipe sealing cord

CHARACTERISTICS

- ▶ Easy to use thread sealing cord for immediate sealing of water, gas and compressed air systems
- ▶ Precoated, multifilament polyamide cord
- ▶ For sealing threaded components (ISO 7-1) such as pipe couplings and fittings with tapered/cylindrical threads
- ▶ Metal Thread max. 4"
Plastic Thread max. 1 ½"
- ▶ Adjustable up to 45°

APPROVALS

The product was tested and found to conform to EN 751-2 for an ARp class sealant. This forms the basis for the DVGW approval. The product was approved for use in potable water pipes (cold and hot water supply). TZW Test Certificate acc. UBA Guideline.

RESISTIBILITY

Resistant to 1st, 2nd and 3rd family gas (3rd family only in the gas phase), hot and cold water, gas condensates and compressed air. Not suitable for use with pure oxygen and/or oxygen-enriched systems, chlorine, strongly oxidizing media as well as fuels, diesel or heating oil. Not suitable for pipe materials made of PPSU.

APPLICATION FIELD

Tangit Uni-Lock Pipe Sealing Cord is a general-purpose sealant for threaded pipes. It is used for sealing threaded components (ISO 7-1) such as pipe couplings and fittings with tapered/cylindrical threads. The application range includes cold and hot water supply pipes (up to 130 °C) as well as gas pipes. The cord is partic-



ularly suited for threaded joints that require immediate tightness after assembly and may need small readjustments before use.

Metal Thread max. 4". Plastic Thread max. 1 ½".

INSTRUCTIONS FOR USE

Preparation of the pipe thread:

Metal threads must be cleaned with a brush if necessary. It is recommended to roughen metal threads, e.g. with a saw blade, before wrapping the sealing cord around the thread.

Application of the sealing cord:

First, place the cord laterally onto the thread, then wind the cord in the same direction as the thread helix (across the lateral cord), starting from the end of the pipe. To ensure optimum performance, the grooves of the thread should be filled without completely masking the pitches of the thread. The cord can be cut off with

the integrated cutting edge. The cord is spirally wound inside the dispenser. Therefore, it can be easily pulled out and applied onto the thread. Make sure that the cord is wrapped around the thread with a certain tension.

STORAGE

The dispensers should be kept closed before use. In the case of long-term storage, the dispensers must be kept in a cool and dry place. For further information on product service life contact your local Technical Service Center.

HEALTH AND SAFETY

Before using the product please see related Material Safety Data Sheet that is available on request.

TECHNICAL DATA

Composition: Cord: Polyamide
Coating: Inert, silicone-containing paste (proprietary)

Temperature and Pressure Resistance: gas: $-20\text{ }^{\circ}\text{C}$ to $+70\text{ }^{\circ}\text{C}$, $\leq 5\text{ bar}$
hot water: up to $+130\text{ }^{\circ}\text{C}$, $\leq 7\text{ bar}$
drinking water: up to $+85\text{ }^{\circ}\text{C}$, $\leq 16\text{ bar}$

Consumption: See the table below

Shelf Life: The shelf life is at least 60 months from the date of filling. The date of production is displayed both on the dispenser and on the shipping carton.

CONSUMPTION

Pipe diameter (metal)	Number of wraps*	Max. number of joints (160 m spool)
1/2"	6 – 8	400
3/4"	7 – 9	275
1"	8 – 12	192
1 1/2"	10 – 15	105
2"	15 – 25	57
2 1/2"	20 – 30	34
3"	25 – 35	23
3 1/2"	30 – 40	17
4"	35 – 45	12

* These are guide values. In the case of threads not produced according to DIN 2999-1 resp. ISO 7-1, the number of wraps can vary. When sealing plastic threads, the number of wraps will double.

The information provided in this Technical Data Sheet (TDS) including the recommendations for use and application of the product are based on our knowledge and experience of the product as at the date of this TDS. The product can have a variety of different applications as well as differing application and working conditions in your environment that are beyond our control. Henkel is, therefore, not liable for the suitability of our product for the production processes and conditions in respect of which you use them, as well as the intended applications and results. We strongly recommend that you carry out your own prior trials to confirm such suitability of our product.

Any liability in respect of the information in the Technical Data Sheet or any other written or oral recommendation(s) regarding the concerned product is excluded, except if otherwise explicitly agreed and except in relation to death or personal injury caused by our negligence and any liability under any applicable mandatory product liability law.

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