

## Technical data sheet



**Thread sealing tape made of non-sintered PTFE. Chemical resistance to the most aggressive media. Does not brittle, swell or stick. Contains no oil or fat. Prevents rusting (easy loosening after years even with steel screws in aluminium).**

### Advantages & features

- removable
- easy and quick to use
- non-combustible / non-flammable
- no expiration date
- resistant to fungal attack
- does not swell or stick, protection against corrosion
- temperature range -240°C to + 260°C
- suitable for liquid and gaseous oxygen
- 10 ≤ DN ≤ 50

### Application areas

Use in all sanitary and heating circuits (cold and hot water, gas) as well as in the industry (steam, compressed air, oils, chemicals, oxygen, and so on). Drinking water approved.

### Tests and approvals

1. DVGW CG 5143CS0522  
DVGW-CERT ZP 5143  
KTW-BWGL, KIWA-20-DW-10000  
Application gas:  
temperature -20°C to +125°C and pressure 5 bar  
Application hot water:  
temperature +125°C and pressure 7 bar
2. BAM / Oxygen  
19024152/2019-gaseous/liquid  
Application oxygen:  
temperature 60°C Pa1 and PE 30 bar  
Application liquid gas: ≤ 30 bar
3. FDA 21 CFR conform

### Application

The PTFE GOLDEXBAND-thread sealing tape is wound tight clockwise for right-hand threads and counter clockwise for left-hand threads from the end of the thread in the direction of the pipe end with **windings with 75 % overlapping in three directions (12 layers)**. The tightening torque is **140 Nm**. At the end of the thread, the tape is simply torn off and pressed on. During the subsequent screwing process, the GOLDEXBAND-thread sealing tape lies tightly in the individual threads. The tape is intended for single use. Overhangs or ends of the tape must not protrude into the pipes.

### Important:

**The thread edges must first be broken with sandpaper or similar before winding the tape.**

### Shelf life and storage:

Indefinite self-life when stored in a dry and dark place at normal humidity and room temperature.

### Article number, article and packaging units

Art. -Nr.	Densit y g/m <sup>2</sup>	Thick ness mm	Width mm	Length x m	PU
33238	142	0,10	6,3	x 13,3	10
33234	142	0,10	12,7	x 13,3	10
33237	142	0,10	12,2	x 33	10
33239	142	0,10	19,1	x 13,3	10

### Notice

All information and recommendations contained in this technical data sheet do not represent guaranteed properties. They are based on our research results and experience. However, they are non-binding as we are not responsible for compliance with the processing conditions may be, since we do not know the special application conditions at the user. A guarantee can only be given for the consistently high quality of our products. We recommend that you conduct sufficient tests to determine whether the specified product has the properties you want. A claim from this is excluded. The processor bears sole responsibility for incorrect or inappropriate use.

### Security and health

See safety data sheet