

Stainless Steel Thread Sealing Tape

Nickel impregnated, full density PTFE sealing tape



Description

Stainless Steel Thread Sealing Tape is a new and unique thread sealing tape which prevents stainless steel fittings galling or seizing during assembly and disassembly. The tape is impregnated with nickel powder which acts like bearing plates, keeping the surface of the male and female threads apart. Further protection is provided with the thicker and denser than average composition. This added thickness and density also ensure an effective seal.

Features / Benefits

- Compatible with a wide range of gases and liquids
- Compatible with a wide range of piping materials
- Will not harden or crack on the joint
- No curing time
- Effective across a broad range of temperatures
- Non-toxic

Typical Applications

Stainless Steel Thread Sealing Tape is recommended for stainless steel fittings but compatible with following piping materials:

- Galvanized steel
- Iron
- Brass
- Copper
- Aluminium
- Fiberglass
- Polyethylene
- Polypropylene
- PVC
- CPVC
- ABS

Specifications

| | |
|--------------------|--|
| Composition: | PTFE / Nickel (5-10%) |
| Color: | Gray - Stainless |
| Length: | 260" (6.6m) |
| Width: | 1/4", 1/2", 3/4", 1" |
| Thickness: | (0.1mm +/-10%) |
| Density: | apparent 1.6g/cm ³ +/- 10% |
| Elongation: | 50% |
| Temperature range: | -268°C to +260°C PTFE is completely stable up to +260°C. Decomposition is slow up to +400°C. Immediate decomposition when in contact with a naked flame. |
| Tensile Strength: | 10-12N/mm ² |
| Pressure rating: | 690 bar (10.000 psi) |
| Country of origin: | USA |

Instructions

1. Use tape width compatible with thread size.
2. Clean the male and female threads thoroughly.
3. Wrap the tape around the male thread. Take care to keep the tape under tension as you are wrapping so the tape moulds itself into the root of the thread
4. Make sure that you wrap with the thread.
5. Make sure that the tape does not overlap the end of the fitting.
6. Most threads are sealed with two - three wraps.

Keep Stainless Steel Thread Sealing Tape clean. Replace the clip on the spool after use. Store in a clean place.

Also available

- Thread sealing Tape acc. MIL-T27730A and A-A-58092
- Thread sealing Tape suitable for oxygen applications
- Liquid-O-ring® thread sealant