# PRODUCT DATA SHEET
# P.T.F.E. Thread Sealing Tape

## Specification:

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| State | Unsintered. |
| Colour | White. |
| Density | 0.5g/cm³ to 0.95g/cm³ |
| Thickness | 0.075mm typical |
| Width | 12mm<br>19mm<br>25mm |
| Length | 12 metres |
| Put-up | Tape wound on spool with hard cover |
| Packaging | 12mm blister wrapped in 10s boxed 250's export packed 1000's<br>19mm loose packed 175's export packed 700's<br>25mm loose packed 125's export packed 500's |
| Branded | Spool can be printed to customers own requirements. |
| Quality approvals | BS7786 1995<br>U.K. Water Council Approval DIN-DVGW 30660<br>EN Norm 751/3<br>GasTec NL<br>U.S. mil-spec. T27730A |
| Residual lubricant | Less than 0.1% (*m/m*) - Suitable for use with Oxygen |

## General:

Thread Sealing Tape made of 100% polytetrafluoroethylene (PTFE) is a unique sealing product offering low cost combination of the following characteristics:-

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|---|---|
| Adhesion | Extremely low surface energy thus providing excellent anti-stick, non-wetting contact surfaces. |
| Atmospheric Ageing | Transparent to UV light and extremely resistant to oxidation, surface fouling, discoloration and embrittlement. |
| Bio-degradation | The product is resistant to enzymatic and micro biological attack, and does not contain any additives that could provide a substrate for fungal or bacterial growth. |
| Heat | Depending on types and applications service temperatures can go up to 260°C |
| Cold | Remains stable and completely functional down to cryogenic temperatures. |
| Contamination | The tape is chemically inert and pure and has no effect on process fluids. |
| Corrosion | Resists the most aggressive organic and inorganic chemicals and solvents. |
| Humidity | Extremely hydrophobic and completely resistant to hydrolysis. |
| Friction | The product has the lowest co-efficient of friction of any material in existence. |
| Mechanical stress | Excellent fatigue resistance in applications involving flexing or vibration. |
| Long service | Excellent resistance to ageing at high temperatures and in the presence of oils; solvents; oxidising agents among others. As no leaching or degradable stabilising agents are involved this is a big safety factor when designing for longevity. |