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PRODUCT DATA SHEET
Teflon* P.T.F.E. Thread Sealing Tape - M700

Specification:

State	Unsintered.
Colour	White.
Density	0.5g/cm³ to 0.95g/cm³
Thickness	0.075mm typical
Width	12mm 19mm 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 19mm loose packed 175's export packed 700's 25mm loose packed 125's export packed 500's
Branded	Spool can be printed to customers own requirements.
Quality approvals	BS7786 1995 U.K. Water Council Approval DIN-DVGW 30660 EN Norm 751/3 GasTec NL 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:-

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.