## PRODUCT DATA SHEET



## **TEFLON\* P.T.F.E. THREADING TAPE – RSX70**

## **SPECIFICATION**

State Un-sintered

**Colour** White

**Density**  $0.5g/cm^3$ to  $0.95g/cm^3$ 

Thickness 0.07mm typical (+/- 10%)

Width 12mm (+/- 10%)

19mm

25mm

**Length** 12 Metres

Packaging 12mm blister wrapped in 10s boxed 250s export packed 1000's

19mm loose packed 175's export packed 700's

25mm loose packed 125's export packed 500's

**Quality Approvals** BS7786 1995

**WRAS Approved** 

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.

The above information is given in good faith and for guidance only. The user shall be responsible for determining that the performance of the product is sufficient for his application. The quoted values are based on averages and should not be taken as maximum or minimum values for specific purposes.