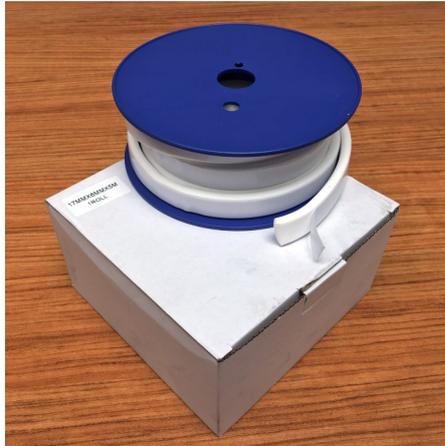




EXPANDED PTFE JOINT SEALANT TAPE

Expanded PTFE Joint Sealant Tape is a multi-purpose gasket tape manufactured from 100% expanded virgin PTFE inclusive of a self-adhesive backing strip.

It is soft and spongy, permitting the tape to conform to all surface irregularities.



Expanded PTFE Joint Sealant is produced by expanding 100% virgin PTFE into highly fibrillated structure which exhibits characteristics significantly different than conventional PTFE. The expanded PTFE is much more flexible than regular PTFE and thus conforms easily to irregular and rough surfaces. In addition, the expanded material is easier to compress and exhibits excellent resistance to creep and cold flow. This style of joint sealant is supplied as a continuous tape with a self-adhesive backing strip to facilitate easy installation.

Application

Expanded PTFE Joint Sealant is soft and marshmallow-like, allowing it to readily conform and to seal flanges with irregular and damaged surfaces. Because it is composed of 100% PTFE, it can handle virtually all chemicals* in the 0-14 pH range and will not contaminate flow media. It has no smell or taste. It is neither contaminating nor toxic.

*except molten alkali metals and elemental fluorine at high temperature and pressure

The versatility of this style is finding new applications everyday in the process industries and the OEM market.

Suitability

This style is recommended for sealing applications including; Steel Pipe Flanges, Heat Exchangers, Manhole and Handhole Covers, Glass-Lined Pipe Flanges, Fiberglass Reinforced Vessels, Ceramic Joints, Fiberglass Pipe Flanges, Pump Housing Flanges, Ventilation Ducts, Plastic Pipe Flanges, Compressor Housing Flanges, Hydraulic and Pneumatic Systems, Fume Ducts, Turbine Cases, Water Supply Systems and Concrete Lids.

Expanded PTFE Joint Sealing Tape

Property	Unit	Value
Density	g/cm ³	0.75 (+/-0.5)
Temperature*	°C	-200 to 280 (315 int)
Pressure	Mpa	<20
Elongation	%	<120 (at break)
Tensile Strength	Mpa	>12
PH	Value	0-14

*inodorous and tasteless to 270°C

The information contained in this technical data sheet are based on our experience to date and we believe it to be reliable. It is intended only as a guide for use at your own risk and discretion. We can not guarantee favourable results and assume no liability in connection with its use or the use of the products described. None of this information is to be taken as a licence to operate under, or a recommendation to infringe any existing patents. Prior to any application, the above product has to be tested and accepted by the processor.

