

TECHNICAL DATA SHEET

100% Pure Expanded PTFE Joint Sealant & Valve Stem Packing
INMARCO INMATEX™ STYLE 1300



Description:

Joint Sealant (flat) & valve Stem Packing (round) are made from 100% pure expanded PTFE designed to be used as gap filling dependable sealants for flanges & valve glands. Flexible & heat stabilized Inmatex sealant eliminates the disadvantages associated with embrittlement & heat retention of gasket and made from conventional PTFE. Inmatex is a reliable seal due to its inertness to most chemicals and is also cost effective alternative on most flanges and valve glands.

Construction:

Flat tapes for flange joints, with or without adhesive backing.
 Round cords for valve stems.

Operational Parameters:

PROPERTIES		
pH	0-14	
TEMPERATURE (°C)	-260 to +300	
PRESSURE (BAR)	100	Vacuum to 200
P x T	2 x 10 ⁵	
Sizes for Joint Sealants (width x thickness in mm)	3 x 1.5, 5 x 2, 7 x 2.5, 10 x 3, 12 x 4, 14 x 5, 17 x 6, 20 x 7 & 25 x 10	
Sizes for Valve Stem Packing (width x thickness in mm)	2, 2.5, 3, 4, 6, 8, 10, 12, 13, 16, 17, 19 & 20	

Advantages:

- ❖ Due to its excellent resilience property, Inmatex could withstand high compressive loads.
- ❖ Resistant to creep, hot & cold flow.
- ❖ Safe & clean for food & pharmaceutical applications.
- ❖ Fast assembly, easy compression.

Typical Applications:

Ideal for fragile glass, FRP, Ceramic, Plastic flanges & Lined pipe joints. Flanges involving all kinds of chemical fluids & gaseous mediums. Graphite flanges in HCL, PVC & Nuclear plants.

All information and recommendations given in this technical data sheet are correct to the best of our knowledge. However, in view of the wide variety of application and operating conditions one cannot draw the final conclusion in all application cases regarding the behavior of compounds. The above information can only serve as a guideline.