

TETRA-MAX JS 100% ePTFE Joint Sealant

Material Composition and Application

This form of joint sealant is specially processed by expanding 100% pure polytetrafluoroethylene (PTFE). It provides a soft, highly compressible gasket for longer life and trouble-free sealing. Its form-in-place versatility also cuts maintenance and storage costs. The high compressibility of TETRA-MAX JS enables it to effectively fill flange imperfections for a tight, leak-free seal. Under pressure, it provides a very wide, thin ribbon-like joint sealant. Unlike conventional PTFE which is prone to cold flow, TETRA-MAX JS has good creep resistance and bolt torque retention properties. It does not support bacterial growth or cause product contamination and is FDA compliant. It has virtually no shelf-life concerns since PTFE is unaffected by normal environmental conditions.

TETRA-MAX JS has excellent resistance properties to chemical attack with a pH range of 0-14. It is ideal for

most chemical services at temperatures to 600°F (316°C) and pressure to 3,000 psi (207 bar). It is also suitable for cryogenic use to -321°F (-196°C).

The sealant is available in roll form which helps reduce storage space, and is available in a wide variety of thicknesses and lengths.

TETRA-MAX JS is easy to install:

- *Clean the sealing face*
- *Select size 1/3 to 1/2 flange sealing width*
- *Cut length need to allow for over lapping*
- *Peel adhesive backing and apply to flange*
- *Overlap the sealant at a bolt*
- *Bolt up using recommended bolting procedures*

STANDARD ROLLS			
WIDTH	STANDARD LENGTH		BULK LENGTH
1/8"	50 ft.	100 ft.	500 ft.
3/16"	75 ft.	150 ft.	750 ft.
1/4"	50 ft.	100 ft.	500 ft.
3/8"	25 ft.	50 ft.	250 ft.
1/2"	15 ft.	30 ft.	150 ft.
5/8"	15 ft.	30 ft.	150 ft.
3/4"	15 ft.	30 ft.	100 ft.
1"	15 ft.	30 ft.	75 ft.

Meets FDA Requirement
21 CFR 177-1550

Temperature: 600°F

Pressure: 3,000 PSI

pH: 0-14

PXT: 350,000



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