

SEALEX®

PTFE Joint Sealant

SEALEX® joint sealant, specially processed, 100% pure PTFE on a roll, provides soft, highly compressible gasketing for longer life and trouble-free sealing. Its form-in-place versatility also cuts maintenance and storage costs. The high compressibility of SEALEX® 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, SEALEX® has good creep resistance and bolt torque retention properties.

SEALEX® joint sealant 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.

SEALEX® has excellent resistance properties to chemical attack and is ideal for most chemical services at temperatures up to 500°F (260°C) and pressure up to 2,000 psi (138 bar). It is also suitable for cryogenic use to -321°F (-196°C).



Easy to Use Sealex®

Just follow the simple installation instructions. Select the size SEALEX®. Use a size with nominal width of between 1/3 and 1/2 of the effective flange sealing width.

1. Make sure that the sealing flanges are clean.
2. Cut off a length of SEALEX® just a little longer than the actual circumference of the perimeter of the seal.
3. Peel off the adhesive protection strip, and press the SEALEX® into position. Cross the free ends of the SEALEX® adjacent to the bolt hole.
4. Bolt up the mating surfaces using the recommended clamping force and bolt tightening patterns.

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SEALEX® Joint Sealant can be used whenever reliable gasketing is required

- » Fume ducts
- » Concrete lids
- » Glass joints
- » Heat exchangers
- » Fiberglass reinforced plastic vessels
- » Pump or compressor housing flanges
- » Steam vessel flanges
- » Ceramic joints
- » Water systems
- » Valves and piping

NOMINAL FLANGE SIZE (IN)	NUMBER BOLTS (N)	BOLT SIZE (IN)	*APPROX. SEALEX LENGTH (IN)	SUGGESTED SEALEX SIZE (IN)	SEALING STRESS (LBS/IN)	TORQUE (LB/FT)
1/2	4	.5	4.3	3/16	1570	30
3/4	4	.5	5.2	3/16	1570	30
1	4	.5	6.2	3/16	1570	30
1-1/4	4	.5	7.4	3/16	1570	30
1-1/2	4	.5	8.3	1/4	2140	30
2	4	.625	10.2	1/4	2140	60
2-1/2	4	.625	12.2	1/4	2140	60
3	4	.625	13.9	1/4	2140	60
4	8	.625	17.9	3/8	2620	60
5	8	.75	20.9	3/8	2760	100
6	8	.75	24.1	3/8	2625	100
8	8	.75	30.9	3/8	2625	100
10	12	.875	37.9	3/8	2750	160
12	12	.875	45.4	1/2	3000	160

The ability of a gasket to make and maintain a seal depends not only on the style and quality of the gasket material, but also on medium being sealed, the flange design, the amount of pressure applied to the gasket by the bolts and how the gasket is assembled onto the flanges and tightened. These factors are beyond the manufacturer's control.

KLINGER Thermoseal

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