

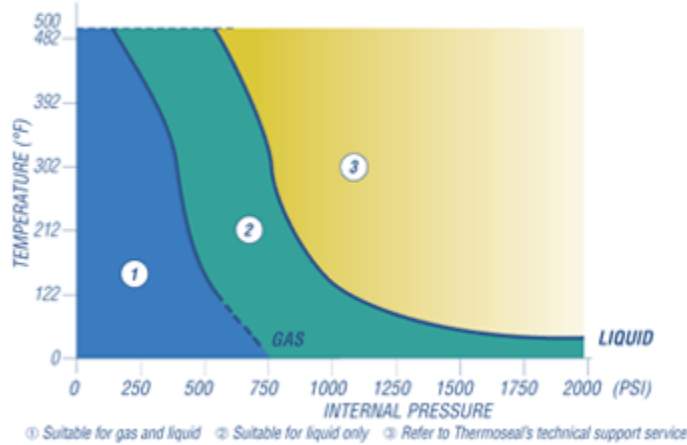
PTFE

Sealex®

Sealex joint sealant can be used wherever 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 Pressure/Temperature Curves for Sealex®



Selection of Sealex Size

Use a size with nominal width of between 1/3 and 1/2 of the effective flange sealing width.

Easy to Use Sealex

Just follow the simple installation instructions.

- 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

Availability

Sealex is supplied on spools of standard length.

Size	Regular Spools Feet/Spool	Jumbo Spools Feet/Spool
1/8 in	100 ft	1000 ft
3/16 in	75 ft	750 ft
1/4 in	50 ft	500 ft
3/8 in	25 ft	250 ft
1/2 in	15 ft	150 ft
5/8 in	15 ft	150 ft
3/4 in	20 ft	100 ft
1 in	20 ft	80 ft

Standard spool lengths shown above.

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.

Size selection/torques required to seal ANSI 150lb flanges

Nominal Flange Size (in)	Number Bolts (N)	Bolt Size (in)	*Approx. Sealex Length (in)	Recommended Sealex Size (in)	Sealing Stress (lbs/in)	Torque (lb/ft)
1/2	4	0.5	4.3	3/16	1570	30
3/4	4	0.5	5.2	3/16	1570	30
1	4	0.5	6.2	3/16	1570	30
1-1/4	4	0.5	7.4	3/16	1570	30
1-1/2	4	0.5	8.3	1/4	2140	30
2	4	0.625	10.2	1/4	2140	60
2-1/2	4	0.625	12.2	1/4	2140	60
3	4	0.625	13.9	1/4	2140	60
4	8	0.625	17.9	3/8	2620	60
5	8	0.75	20.9	3/8	2760	100
6	8	0.75	24.1	3/8	2625	100
8	8	0.75	30.9	3/8	2625	100
10	12	0.875	37.9	3/8	2750	160
12	12	0.875	45.4	1/2	3000	160

* Based on mean sealing diameter

$$\text{Torque (lb/ft)} = \frac{\mu \times S \times \text{Bolt } \emptyset}{12 \times N}$$

Where $\mu = 0.2$ (Bolt friction coefficient);
 $S =$ total clamping force (lbs force);
 $N =$ Number of bolts; $\emptyset =$ Bolt diameter (in)

Home	Product Data	Who We Are	Company History	How To Contact
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