



Recommended Bolt/Clamp Torques (ft.-lbs.) for Pfaudler Envelope Gaskets for Glass lined equipment

Kevlar Based Compressible Insert (inc PF2000LR)									Graphite Based Compressible Insert								
Nozzle Size	ANSI 150#				ANSI 300#				Nozzle Size	ANSI 150#				ANSI 300#			
	No. of Bolts	Bolt Size	Lubricated	Dry	No. of Bolts	Bolt Size	Lubricated	Dry		No. of Bolts	Bolt Size	Lubricated	Dry	No. of Bolts	Bolt Size	Lubricated	Dry
1/2"	4	1/2"	20	30	4	1/2"	20	30	1/2"	4	1/2"	20	30	4	1/2"	20	30
3/4"	4	1/2"	20	30	4	1/2"	40	60	3/4"	4	1/2"	20	30	4	1/2"	40	60
1"	4	1/2"	20	30	4	1/2"	40	60	1"	4	1/2"	20	30	4	1/2"	40	60
1.1/2"	4	1/2"	20	30	4	1/2"	70	100	1.1/2"	4	1/2"	20	30	4	1/2"	70	100
2"	4	5/8"	40	60	8	5/8"	40	60	2"	4	5/8"	40	60	8	5/8"	40	60
3"	4	5/8"	40	60	8	5/8"	70	100	3"	4	5/8"	40	60	8	5/8"	70	100
4"	8	5/8"	40	60	8	5/8"	70	100	4"	8	5/8"	40	60	8	5/8"	70	100
6"	8	3/4"	70	100	12	3/4"	70	100	6"	8	3/4"	70	100	12	3/4"	70	100
8"	8	3/4"	70	100	12	3/4"	110	160	8"	8	3/4"	70	100	12	3/4"	110	160
10"	12	7/8"	110	160	16	7/8"	170	250	10"	12	7/8"	110	160	16	7/8"	170	250
12"	12	7/8"	110	160	16	7/8"	240	360	12"	12	7/8"	110	160	16	7/8"	240	360

Nozzle Size	Vessel Pressure 0 - 300 PSIG				Vessel Pressure 300-600 PSIG				Nozzle Size	Vessel Pressure 0 - 300 PSIG				Vessel Pressure 300-600 PSIG			
	No. of Clamps	Clamp Size	Lubricated	Dry	No. of Clamps	Clamp Size	Lubricated	Dry		No. of Clamps	Clamp Size	Lubricated	Dry	No. of Clamps	Clamp Size	Lubricated	Dry
A	B	1/2"	20	30	4	1/2"	20	30	A	B	1/2"	20	30	4	1/2"	20	30
A	B	1/2"	20	30	4	1/2"	40	60	A	B	1/2"	20	30	4	1/2"	40	60
A	B	1/2"	20	30	4	1/2"	40	60	A	B	1/2"	20	30	4	1/2"	40	60

NOTES

A - NOZZLES OVER 12"

B - Number of Clamps varies with opening size

Caution: If you are unable to seal a gasket at the above recommended torques. Call Chemical Reactor Services and ask for Gasket Technical Services

ANSI Flange rating does not necessarily relate to vessel pressure rating. For Example, an ANSI 300# flange may be found on a vessel rated for 100 PSIG