

**SUGGESTED WIDTH OF JOINT SEALANT AND TORQUE
REQUIRED TO PRODUCE BOLT FORCE
RECOMMENDED FOR STEEL PIPE FLANGES**

Pipe Size	Joint Sealant Width	Approx. Length Needed	150 lb. Flange		300 lb. Flange	
			Bolt Size	Torque (ft. lb.)	Bolt Size	Torque (ft. lb.)
1/2"	1/8"	6-1/2"	1/2"	30	1/2"	30
3/4"	3/16"	7-1/2"	1/2"	30	5/8"	60
1"		8-1/2"	1/2"	30	5/8"	60
1-1/4"		10"	1/2"	30	5/8"	60
1-1/2"		12"	1/2"	30	3/4"	100
2"	1/4"	14"	5/8"	60	3/4"	60
2-1/2"		16"	5/8"	60	3/4"	100
3"		19"	5/8"	60	3/4"	100
3-1/2"		21"	5/8"	60	3/4"	100
4"		23"	5/8"	60	3/4"	100
5"	3/8"	28"	3/4"	100	3/4"	100
6"		32"	3/4"	100	3/4"	100
8"		38"	3/4"	100	7/8"	160
10"	1/2"	44"	7/8"	160	1"	245
12"		53"	7/8"	160	1-1/8"	390
14"		62"	1"	245	1-1/8"	390
16"		67"	1"	245	1-1/4"	545
18"	5/8"	74"	1-1/8"	390	1-1/4"	545
20"		81"	1-1/8"	390	1-1/4"	545
24"		97"	1-1/4"	545	1-1/2"	875

Widths determined assuming the following:

1. Bolts have been well lubricated.
2. Operating conditions not to exceed flange ratings.
3. The gasket is installed as illustrated in the sketch in the installation instructions.