



Spiral Wound Gasket LS-LSI

NPS (in.)	LS				LSI			
	Class 150		Class 300		Class 150		Class 300	
	Min Torque	Max Torque	Min Torque	Max Torque	Min Torque	Max Torque	Min Torque	Max Torque
0.5	25	35	25	35	25	50	25	40
0.75	25	35	50	70	25	50	50	80
1	25	35	50	70	25	50	50	80
1.25	25	35	50	70	25	50	50	80
1.5	25	55	83	120	25	55	85	135
2	50	90	50	70	50	100	50	80
2.5	50	105	85	120	50	105	85	135
3	55	120	85	120	55	120	85	135
3.5	50	90	85	120	50	100	85	135
4	50	120	85	135	50	120	85	135
5	90	160	85	160	85	170	85	160
6	90	200	85	160	85	200	85	160
8	115	200	135	260	115	200	140	260
10	135	320	205	290	140	320	205	330
12	150	320	300	420	150	320	300	475
14	210	490	300	420	210	490	300	475
16	210	490	420	590	210	490	420	670
18	310	710	420	670	310	710	420	670
20	300	710	420	740	300	710	420	740
24	420	1000	670	1030	420	1000	670	1070

Notes:

Torque Values are in ft.-lbs., and assume Alloy Steel Bolts (A193 B7 w/ 2H Nuts) with oil/graphite lubrication.

(Nut factors used on these charts are within .15 to .19)

Flexitallic does not generally recommend a bolt stress above 60,000 PSI

Torque values limit minimum and maximum gasket seating stresses based upon pressure class and certain operating conditions. Extreme operating conditions such as high temperature may reduce bolt yield strength. Caution should be used in these applications. The above torque values are for general use only.

For critical or extreme applications (high temperature/pressure) consult with Flexitallic engineering.

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