



Spiral Wound Gasket CGI - SERIES B

NPS (in.)	Class 150		Class 300		Class 400		Class 600		Class 900	
	Min Torque	Max Torque	Min Torque	Max Torque	Min Torque	Max Torque	Min Torque	Max Torque	Min Torque	Max Torque
26	100	200	500	830	680	910	1100	1560	3430	5140
28	100	200	500	790	800	1120	1500	2000	4230	6910
30	100	200	680	920	800	1230	2000	2670	5150	9010
32	100	200	800	1070	1100	1760	2200	2940	5750	9010
34	160	320	800	1070	1100	1520	3180	4240	7030	11670
36	160	320	1100	1470	1500	2290	3180	4240	5610	9010
38	250	490	1100	1470	1500	2280	3180	4240	9220	14590
40	260	490	1100	1470	2000	2750	3180	4240	8530	14590
42	250	490	1500	2000	2000	2880	4400	5870	9240	14590
44	250	490	1500	2000	2200	2930	4400	5870	10730	17970
46	380	710	2000	2670	2200	2930	4400	5870	12550	21940
48	360	710	2000	2670	3180	4240	5920	7900	13460	21940
50	360	710	2000	2670	3180	4240	7720	10300		
52	360	710	2000	2670	3180	4240	7720	10300		
54	360	710	2000	2670	4400	5870	7720	10300		
56	360	710	3180	4240	4400	5870	10000	13340		
58	500	880	3180	4240	4400	5870	10000	13340		
60	500	840	3180	4240	5920	7900	12500	16670		

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. (i.e: maximum pressure ratings for given pressure class, not hydrotest pressure) 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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