



Spiral Wound Gasket CGI - SERIES A

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	500	890	1100	1600	1500	2000	2000	2670	3950	6910
28	500	830	1100	1720	2000	2670	2200	2930	5150	9010
30	500	880	1500	2140	2200	2930	2200	2930	5150	9010
32	800	1330	2000	2670	2200	2930	3180	4240	6670	11665
34	800	1330	2000	2770	2200	2930	3180	4240	8330	14580
36	800	1330	2200	2930	2200	2930	4400	5870	8330	14580
38	800	1370	800	1260	1500	2280	3180	4240	9210	14580
40	800	1330	1100	1930	2000	2750	3180	4240	8530	14580
42	800	1460	1100	2020	2000	2880	4400	5870	9230	14580
44	800	1480	1500	2640	2200	2930	4400	5870	10730	17970
46	800	1550	2000	3600	2200	2930	4400	5870	12550	21940
48	800	1460	2000	3300	3180	4240	5920	7890	13460	21940
50	1500	2500	2200	3300	3180	4240	7720	10300		
52	1500	2500	2200	3430	3180	4240	7720	10300		
54	1500	2500	3180	4580	4400	5870	7720	10300		
56	1500	2500	3180	4740	4400	5870	10000	13300		
58	1500	2500	3180	4310	4400	5870	10000	13300		
60	1500	2500	3180	4450	5920	7890	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.

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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