

Spiral Wound Gasket - Reference Construction Test Load as per ASME B16.20 – 2017 / ASME B16.5 Flange

SIZE	150 #	300 #	# 400	600 #	900 #	1500 #	2500 #
0.50"	2.68	3.57	3.57	3.57	7.14	7.14	7.14
0.75"	3.82	5.10	5.10	5.10	10.20	10.20	10.20
1.00"	5.28	7.03	7.03	7.03	14.07	14.07	14.07
1.25"	5.70	7.60	7.60	7.60	23.11	23.11	23.11
1.50"	8.12	10.82	10.82	10.82	28.73	28.73	28.73
2.00"	10.33	13.77	13.77	13.77	43.45	43.45	43.45
2.50"	12.01	16.01	16.01	16.01	53.42	53.42	53.42
3.00"	17.59	23.45	23.45	23.45	60.60	67.03	67.03
3.50"	19.60	26.13	37.63	37.63	85.63	--	--
4.00"	25.65	34.20	42.81	42.81	108.55	93.79	93.79
5.00"	30.53	40.71	54.28	54.28	147.77	123.32	123.32
6.00"	43.87	58.49	73.88	73.88	124.01	160.39	160.39
8.00"	62.39	83.19	80.14	103.01	123.38	172.85	172.85
10.0"	62.23	82.97	114.75	114.85	152.70	152.99	172.11
12.0"	71.04	94.72	125.84	125.96	152.99	152.70	171.12
14.0"	71.04	94.72	118.39	118.50	152.70	160.46	--
16.0"	83.02	110.69	133.66	133.78	178.52	171.12	--
18.0"	79.65	106.21	148.62	148.62	171.12	178.52	--
20.0"	79.65	106.21	148.48	148.62	171.12	178.52	--
22.0"	50.84	97.61	126.03	126.03	--	--	--
24.0"	85.69	114.25	148.25	148.39	171.12	180.00	--

Note: Upto NPS 8" Class 300 - Direct Gasket Testing method shall be used and from NPS 8" Class 400 & above - Equivalent Gasket Testing method shall be used. The above loads are calculated accordingly & Test Load Values are in Tonnes.

Spiral Wound Gasket - Reference Construction Test Load as per ASME B16.20 – 2017 / ASME B16.47 Series A Flange

SIZE	150 #	300 #	# 400	600 #	900 #	1500 #	2500 #
26"	65.31	133.78	133.78	133.78	171.12	--	--
28"	65.31	133.78	133.78	133.78	171.12	--	--
30"	65.31	133.78	133.78	133.78	171.12	--	--
32"	71.61	133.78	133.78	133.78	171.12	--	--
34"	71.61	133.78	133.78	133.78	171.12	--	--
36"	83.38	133.78	133.78	133.78	171.12	--	--
38"	83.38	103.01	133.78	133.78	171.12	--	--
40"	83.38	126.44	133.78	133.78	171.12	--	--
42"	89.06	126.44	133.78	133.78	171.12	--	--
44"	95.01	133.78	133.78	133.78	171.12	--	--
46"	95.01	133.78	133.78	133.78	171.12	--	--
48"	95.01	133.78	133.78	133.78	171.12	--	--
50"	100.34	133.78	133.78	133.78	--	--	--
52"	100.34	133.78	133.78	133.78	--	--	--
54"	100.34	133.78	133.78	133.78	--	--	--
56"	100.34	133.78	133.78	133.78	--	--	--
58"	100.34	133.78	133.78	133.78	--	--	--
60"	100.34	133.78	133.78	133.78	--	--	--

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Spiral Wound Gasket - Reference Construction Test Load as per ASME B16.20 – 2017 / ASME B16.47 Series B Flange

SIZE	150 #	300 #	# 400	600 #	900 #	1500 #	2500 #
26"	52.84	103.01	86.83	133.78	178.52	--	--
28"	52.84	103.01	94.72	133.78	178.52	--	--
30"	52.84	103.01	110.69	133.78	171.12	--	--
32"	52.84	103.01	126.68	133.78	171.12	--	--
34"	65.31	103.01	118.74	133.78	171.12	--	--
36"	65.31	103.01	125.96	133.78	171.12	--	--
38"	71.04	103.01	133.78	133.78	171.12	--	--
40"	83.38	103.01	133.78	133.78	171.12	--	--
42"	71.61	103.01	133.78	133.78	171.12	--	--
44"	83.38	103.01	133.78	133.78	171.12	--	--
46"	86.14	103.01	133.78	133.78	171.12	--	--
48"	77.26	126.44	133.78	133.78	171.12	--	--
50"	86.14	103.01	133.78	133.78	--	--	--
52"	86.14	103.01	133.78	133.78	--	--	--
54"	77.26	133.78	133.78	133.78	--	--	--
56"	68	118.5	133.78	133.78	--	--	--
58"	59.32	103.01	133.78	133.78	--	--	--
60"	59.32	111.18	133.78	133.78	--	--	--

Note: Upto NPS 8" Class 300 - Direct Gasket Testing method shall be used and from NPS 8" Class 400 & above - Equivalent Gasket Testing method shall be used. The above loads are calculated accordingly & Test Load Values are in Tonnes.