

**API type R Ring-joint Gaskets**

Ring No.	Outside diameter	Inside diameter	Height of octagonal ring	Width of ring	Height of oval ring	Depth of groove	Width of groove	Pitch diameter of ring and groove	Mass
R	OD	ID	H	A	B	E	F	P	Kg
11	40.50	27.80	9.52	6.35	11.10	5.56	7.14	34.13	0.05
12	47.60	31.70	12.70	7.90	14.20	6.35	8.73	39.69	0.10
13	50.80	34.90	12.70	7.90	14.20	6.35	8.73	42.86	0.10
14	52.30	36.50	12.70	7.90	14.20	6.35	8.73	44.45	0.11
15	55.50	39.60	12.70	7.90	14.20	6.35	8.73	47.63	0.12
16	58.70	42.80	12.70	7.90	14.20	6.35	8.73	50.80	0.12
17	65.00	49.20	12.70	7.90	14.20	6.35	8.73	57.15	0.14
18	68.20	52.30	12.70	7.90	14.20	6.35	8.73	60.33	0.15
19	73.00	57.10	12.70	7.90	14.20	6.35	8.73	65.09	0.16
20	76.20	60.33	12.70	7.90	14.20	6.35	8.73	68.28	0.17
21	83.30	61.10	15.80	11.10	17.40	7.87	11.94	72.14	0.30
22	90.40	74.60	12.70	7.90	14.20	6.35	8.73	82.55	0.20
23	93.60	71.42	16.00	11.10	17.40	7.94	11.91	82.55	0.34
24	106.30	84.12	16.00	11.10	17.40	7.94	11.91	95.25	0.39
25	109.50	93.60	12.70	7.90	14.20	6.35	8.73	101.6	0.25
26	112.70	90.47	16.00	11.10	17.40	7.94	11.91	101.60	0.42
27	119.00	96.82	16.00	11.10	17.40	7.94	11.91	107.95	0.45
28	123.80	94.80	17.40	12.70	19	9.53	13.49	111.12	0.57
29	122.20	106.30	12.70	7.90	14.20	6.35	8.73	114.30	0.28
30	128.50	106.30	15.80	11.10	17.40	7.94	11.91	117.47	0.48
31	134.90	112.7	16.00	11.10	17.40	7.94	11.91	123.83	0.51
32	139.70	114.30	17.40	12.70	19	9.53	13.49	127.00	0.65
33	139.60	123.80	12.70	7.90	14.20	6.35	8.73	131.76	0.37
34	142.80	120.60	15.80	11.10	17.40	7.94	11.91	131.76	0.63
35	147.60	125.4	16.00	11.10	17.40	7.94	11.91	136.53	0.56
36	157.10	141.20	12.70	7.90	14.20	6.35	8.73	149.23	0.37
37	160.30	138.1	16.00	11.10	17.99	7.94	11.91	149.23	0.62
38	173.00	141.20	20.60	15.80	22.2	11.11	16.67	157.16	1.16
39	173.00	150.8	16.00	11.10	17.40	7.94	11.91	161.93	0.67
40	179.30	163.50	12.70	7.90	14.2	6.35	8.73	171.45	0.42
41	192.00	169.85	16.00	11.10	17.40	7.94	11.91	180.98	0.75
42	209.50	171.40	23.80	19	25.40	12.7	19.84	190.5	1.91
43	201.60	185.70	12.70	7.90	14.20	6.35	8.73	193.68	0.48
44	204.70	182.55	16.00	11.10	17.40	7.94	11.91	193.68	0.80
45	222.20	200.02	16.00	11.10	17.40	7.94	11.91	211.14	0.87
46	223.80	198.45	17.53	12.70	19.05	9.65	13.49	211.14	1.08
47	247.60	209.55	23.88	19	25.40	12.70	19.84	228.60	2.29
48	255.50	239.70	12.70	7.90	14.20	6.35	8.73	247.65	0.61
49	281.00	258.75	16.00	11.10	17.40	7.94	11.91	269.88	1.11
50	285.70	254	20.57	15.80	22.20	11.18	16.67	269.88	1.99
51	301.60	257.10	26.90	22.2	28.50	14.29	23.02	279.40	3.65
52	312.70	296.80	12.70	7.90	14.20	6.35	8.73	304.80	0.75
53	334.90	312.72	16.00	11.10	17.40	7.94	11.91	323.85	1.34
54	339.70	307.97	20.57	15.80	22.20	11.18	16.67	323.85	2.39
55	371.40	314.30	34.90	28.50	36.50	17.46	30.16	342.90	7.35
56	388.90	373	12.70	7.90	14.20	6.35	8.73	381	0.93
57	392.10	369.87	16.00	11.10	17.40	7.94	11.91	381.00	1.57

Ring No.	Outside diameter	Inside diameter	Height of octagonal ring	Width of ring	Height of oval ring	Depth of groove	Width of groove	Pitch diameter of ring and groove	Mass
R	OD	ID	H	A	B	E	F	P	Kg
58	403.20	358.60	26.90	22.20	28.50	14.29	23.02	381	5.03
59	404.80	388.90	12.70	7.90	14.20	6.35	8.73	396.88	0.98
60	438.10	374.60	38.10	31.70	39.60	17.46	33.34	406.40	11.09
61	430.20	407.99	15.80	11.10	17.40	7.94	11.91	419.1	1.73
62	434.90	403.20	20.60	15.80	22.20	11.11	16.67	419.1	3.09
63	444.5	393.7	31.75	25.40	33.30	15.88	26.99	419.1	7.54
64	461.90	446	12.70	7.90	14.20	6.35	8.73	454.03	1.12
65	481.00	458.70	16.00	11.10	17.40	7.94	11.91	469.90	1.94
66	485.70	454.00	20.57	15.80	22.20	11.18	16.67	469.90	3.47
67	498.40	441.30	34.90	28.50	36.50	17.46	30.16	469.90	10.53
68	525.40	509.50	12.70	7.90	14.20	6.35	8.73	517.53	1.28
69	544.50	522.20	16.00	11.10	17.40	7.87	11.91	533.40	2.20
70	552.40	514.30	23.88	19.00	25.40	12.70	19.84	533.40	5.35
71	561.90	504.80	34.90	28.50	36.50	17.46	30.16	533.40	11.95
72	566.70	550.80	12.70	7.90	14.20	6.35	8.73	558.80	1.38
73	596.9	571.5	17.53	12.70	19.00	9.53	13.49	584.20	2.99
74	603.20	565.20	23.88	19.00	25.40	12.70	19.84	584.20	5.77
75	615.90	552.40	38.10	31.70	39.60	17.46	33.34	584.20	15.94
76	681	665.10	12.70	7.90	14.20	6.35	8.73	673.10	1.66
77	708	676.20	20.60	15.80	22.20	6.35	8.73	692.15	5.11
78	717.50	666.70	31.70	25.40	33.30	15.88	26.99	692.15	12.46
79	727	657.20	41.20	34.90	44.40	20.64	36.51	692.15	22.58
80	623.80	608.00	12.70	7.90	-	6.35	8.73	615.95	1.40
81	649.20	620.70	19	14.20	-	11.11	15.08	635	3.86
82	68.20	46.90	16.00	11.10	-	7.94	11.91	57.15	0.23
84	74.60	52.30	16.00	11.10	-	7.94	11.91	63.50	0.25
85	92.00	66.60	17.53	12.70	-	9.65	13.49	79.38	0.40
86	106.00	74.60	20.57	15.80	-	11.18	16.66	90.50	0.65
87	115.80	84.10	20.57	15.80	-	11.18	16.66	100.03	0.72
88	142.80	104.70	23.88	19.00	-	12.70	19.84	123.83	1.22
89	133.30	95.20	23.88	19.00	-	12.70	19.84	114.30	1.27
90	177.80	133.30	26.92	22.20	-	14.22	23.01	155.58	2.05
91	292.1	228.6	38.10	31.70	-	17.53	33.35	260.35	7.10
92	239.7	217.40	15.80	11.10	17.40	7.93	11.90	228.6	1
93	768.3	730.20	23.80	19	-	12.7	19.84	749.3	7.40
94	819.10	781	23.80	19	-	12.7	19.84	800.1	7.90
95	876.30	838.20	23.80	19	-	12.7	19.84	857.25	8.47
96	936.10	892.10	26.90	22.20	-	14.22	23.01	914.4	12.08
97	987.40	942.90	26.90	22.20	-	14.22	23.01	965.2	12.75
98	1044.55	1000.15	26.90	22.20	-	14.22	23.01	1022.3	13.51
99	246.00	223.80	15.80	11.10	-	7.94	11.91	234.95	0.95
100	777.80	720.70	34.90	28.50	-	17.46	30.16	749.3	16.79
101	831.80	768.30	38.10	31.70	-	17.46	33.33	800.1	21.83
102	889.00	825.50	38.10	31.70	-	17.46	33.33	857.25	23.39
103	946.10	882.60	38.10	31.70	-	17.46	33.33	914.4	24.95
104	1000.1	930.20	41.20	34.90	-	20.63	36.51	965.2	31.49
105	1057.2	987.40	41.20	34.90	-	20.63	36.51	1022.3	33.35

		Type "R"						
SAS	API	150	300	400	600	900	1500	2500
				960	2000	3000	5000	10000
1/2"	-	-	R 11	-	R 11	-	R 12	R 13
3/4"	-	-	R 13	-	R 13	-	R 14	R 16
1"	R 15	R 16	-	R 16	-	R 16	R 18	R 21
1 1/4"	R 17	R 18	-	R 18	-	R 18	R 21	-
1 1/2"	R 19	R 20	-	R 20	-	R 20	R 23	R 24
2"	R 22	R 23	-	R 23	-	R 24	R 26	R 28
2 1/2"	R 25	R 26	-	R 26	-	R 27	R 28	R 26
3"	R 29	R 31	-	R 31	-	R 31	R 32	R 32
4"	R 36	R 37	R 37	-	R 37	-	R 39	R 38
5"	R 40	R 41	R 41	R 41	-	R 41	R 44	R 42
6"	R 43	R 45	R 45	R 45	-	R 45	R 46	R 47
8"	R 48	R 49	R 49	R 49	-	R 49	R 50	R 51
10"	R 52	R 53	R 53	R 53	-	R 53	R 54	R 55

		Type "R"						
USAS	API	150	300	400	600	900	1500	2500
				960	2000	3000	5000	10000
12"	R 56	R 57	R 57	R 57	R 57	R 58	R 60	-
14"	R 59	R 61	R 61	R 61	R 62	R 63	-	-
16"	R 64	R 65	R 65	R 65	R 66	R 67	-	-
18"	R 68	R 69	R 69	R 69	R 70	R 71	-	-
20"	R 72	R 73	R 73	R 73	R 74	R 75	-	-
22"	R 80	R 81	R 81	R 81	-	-	-	-
24"	R 76	R 77	R 77	R 77	R 78	R 79	-	-
26"	-	R 93	R 93	R 93	R 100	-	-	-
28"	-	R 94	R 94	R 94	R 101	-	-	-
30"	-	R 95	R 95	R 95	R 102	-	-	-
32"	-	R 96	R 96	R 96	R 103	-	-	-
34"	-	R 97	R 97	R 97	R 104	-	-	-
36"	-	R 98	R 98	R 98	R 105	-	-	-

