

RING JOINT GASKETS





Sara Metallic Ring Joint Gaskets are suitable for high pressure and high temperature applications. The Gaskets are available in R, RX, BX styles and in oval/octagonal profiles. Sara manufactures gaskets in accordance with specific tolerances on CNC machines.

Sara Ring Joint Gaskets fully comply with the ASME B16.20 standard and the API spec 6A requirements (where applicable). Sara is authorized to monogram Ring Joint Gaskets as per API-6A (PSL4).

Prime Features

- R type (oval and octagonal) solid sections to fit standard ring joint flanges with trapezoidal grooves.
- Types RX and BX with complex beveled edge sections for wellhead pressures above 700 bar.
- Combination Gaskets – Used where two flanges of different sizes are to be joined together.
- Split Gaskets – Used where an API flange is to be joined with a low pressure ANSI Flange where a spiral wound gasket is used.
- Special metal gaskets made to customer specifications.

Materials

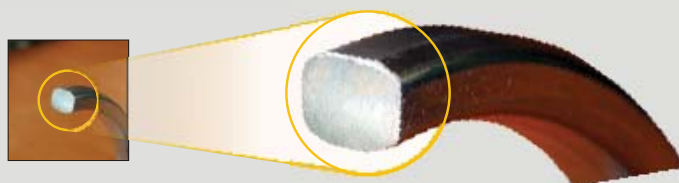
- Standard: Soft iron, low carbon steel, alloy steels F5 and 410; stainless steels 304, 304L, 316, 316L, 321 and 347.
- Non-standard: high nickel alloys, super alloy steels, and other stainless grades.
- Rubber coated ring joint gaskets – soft iron metal ring joint gaskets are coated with nitrile rubber for testing wellhead assemblies and valves. Rings can be reused and do not damage flange grooves.



R-Oval



BX Type



R-Octagonal



RX Type

PRODUCTS CATALOG

Model R or RX

For flanges in accordance with ASME B16.5 and BS 1560

Nominal Pipe Dimension (inches)	Ring Number at Pressure Rating (lbs)						
	150	300	400	600	900	1500	2500
1/2	-	R11	-	R11	-	R12	R13
3/4	-	R13	-	R13	-	R14	R16
1	R15	R16	-	R16	-	R16	R18
1 1/4	R17	R18	-	R18	-	R18	R21
1 1/2	R19	R/RX20	-	R/RX20	-	R/RX20	R/RX23
2	R22	R/RX23	-	R/RX23	-	R/RX24	R/RX26
2 1/2	R/RX25	R/RX26	-	R/RX26	-	R/RX27	R28
3	R29	R/RX31	-	R/RX31	R/RX31	R/RX35	R32
3 1/2	R33	R34	-	R34	-	-	-
4	R36	R/RX37	R/RX37	R/RX37	R/RX37	R/RX39	R38
5	R40	R/RX41	R/RX41	R/RX41	R/RX41	R/RX44	R42
6	R43	R/RX45	R/RX45	R/RX45	R/RX45	R/RX46	R/RX47
8	R48	R/RX49	R/RX49	R/RX49	R/RX49	R/RX50	R51
10	R52	R/RX53	R/RX53	R/RX53	R/RX53	R/RX54	R55
12	R56	R/RX57	R/RX57	R/RX57	R/RX57	R58	R60
14	R59	R61	R61	R61	R62	R/RX63	-
16	R64	R/RX65	R/RX65	R/RX65	R/RX66	R67	-
18	R68	R/RX69	R/RX69	R/RX69	R/RX70	R71	-
20	R72	R/RX73	R/RX73	R/RX73	R/RX74	R75	-
24	R76	R77	R77	R77	R78	R79	-

Model BX

For flanges in accordance with API spec 6A/ASME B 16.2, model 6BX

Nominal Pipe Dimension (inches)	Ring Number at Pressure Rating (lbs)					
	2,000	3,000	5,000	10,000	15,000	20,000
1 ^{1/16}	-	-	-	BX150	BX150	-
1 ^{3/16}	-	-	-	BX151	BX151	BX151
2 ^{1/16}	-	-	-	BX152	BX152	BX152
2 ^{9/16}	-	-	-	BX153	BX153	BX153
3 ^{1/16}	-	-	-	BX154	BX154	BX154
4 ^{1/16}	-	-	-	BX155	BX155	BX155
5 ^{1/8}	-	-	-	BX169	BX169	-
7 ^{1/16}	-	-	-	BX156	BX156	BX156
9	-	-	-	BX157	BX157	BX157
11	-	-	-	BX158	BX158	BX158
13 ^{5/8}	-	-	BX160	BX159	BX159	BX159
16 ^{3/4}	-	-	BX162	BX162	-	-
18 ^{3/4}	-	-	BX163	BX164	BX164	-
21 ^{1/4}	-	-	BX165	BX166	-	-
26 ^{3/4}	BX167	BX168	-	-	-	-
30	BX303	BX303	-	-	-	-

Model R or RX

For flanges in accordance with API spec 6A, model 6B

Nominal Pipe Dimension (inches)	Ring Number at Pressure Rating (lbs)		
	2000	3000	5000
2 ^{1/16}	R/RX23	R/RX24	R/RX24
2 ^{9/16}	R/RX26	R/RX27	R/RX27
3 ^{1/8}	R/RX31	R/RX31	R/RX35
4 ^{1/16}	R/RX37	R/RX37	R/RX39
5 ^{1/8}	R/RX41	R/RX41	R/RX44
7 ^{1/16}	R/RX45	R/RX45	R/RX46
9	R/RX49	R/RX49	R/RX50
11	R/RX53	R/RX53	R/RX54
13 ^{5/8}	R/RX57	R/RX57	-
16 ^{3/4}	R/RX65	R/RX66	-
20 ^{3/4}	-	R/RX74	-
21 ^{1/4}	R/RX73	-	-

Model R or RX

For flanges in accordance with ASME B16.47 series A (MSS-SP44)

Nominal Pipe Dimension (inches)	Ring Number at Pressure Rating (lbs)	
	300 - 600	900
	26	R93
28	R94	R101
30	R95	R102
32	R96	R103
34	R97	R104
36	R98	R105



BX Type Ring

R Type Ring

RX Type Ring



Combination Ring

Split Ring

Buna Coated Ring