

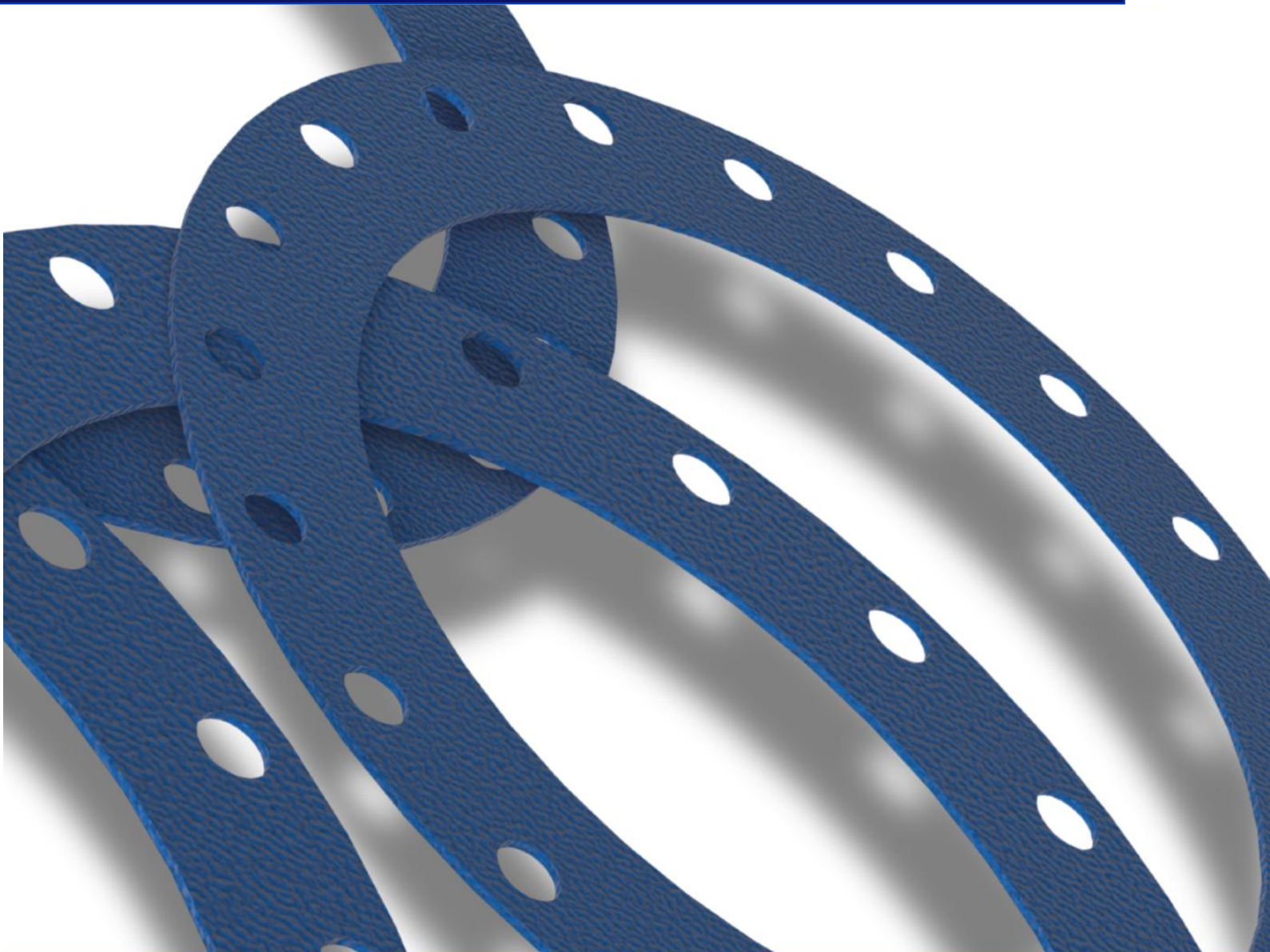


PT. SK METALINDO
MANUFACTURERS AND FABRICATORS

SKM GASKET CATALOG

YOUR BEST PARTNER TECHNOLOGY

2025



Jl. Raya Lemahabang No.Km 59, Karangsari,
Kec. Cikarang Tim., Kabupaten Bekasi, Jawa
Barat 17530

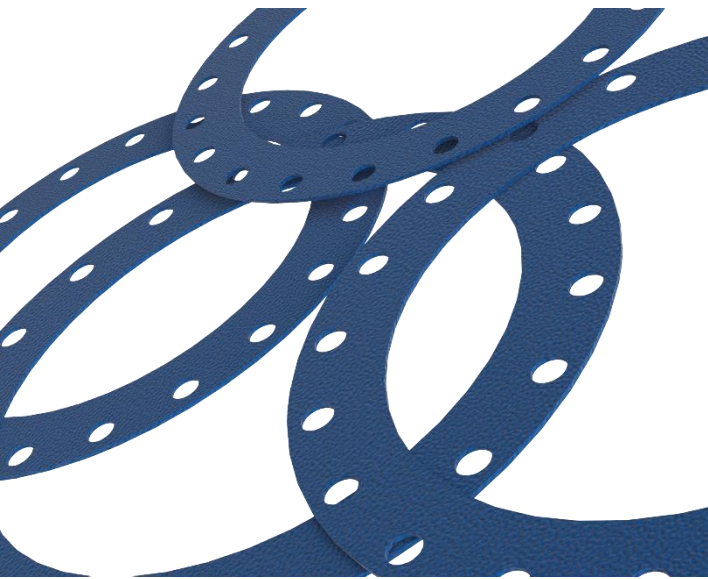
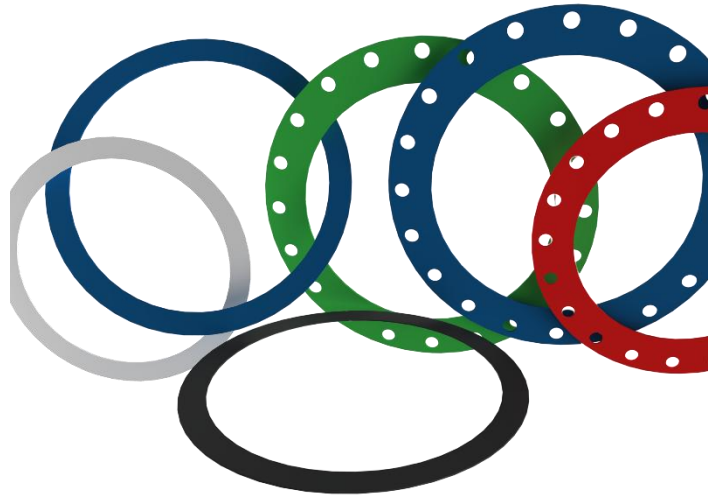
Table of Contents

INTRODUCTION.....	2
SBR	3
ARAMID	4
SYNTETIC FIBER.....	5
PTFE.....	6
GRAPHITE.....	7
CHLOROPRENE	8
NBR	9
EPDM	10
FKM	11
GASKET TYPE	12
Flat Ring & Full Face Gasket for B16.5 Flange	13
Flat Ring Gasket for B16.5 Flange	14
Flat Ring Gasket for B16.47 Series A Flange	15
Flat Ring Gasket for B16.47 Series B Flange	16
Flat Ring Gasket for EN-1092 Flange.....	17
Flat Ring & Full Face Gasket for EN-1092 Flange.....	18
Flat Ring & Full Face Gasket for EN-1092 Flange.....	19
Flat Ring & Full Face Gasket for EN-1092 Flange.....	20
Flat Ring & Full Face Gasket for EN-1092 Flange.....	21
Flat Ring & Full Face Gasket for EN-1092 Flange.....	22
Flat Ring Gasket for EN-1092 Flange.....	23
Full Face Gasket for JIS Flange	24
Full Face Gasket for JIS Flange	25
Full Face Gasket for JIS Flange	26
Flat Ring Gasket for JIS Flange	27
Flat Ring Gasket for JIS Flange	28
Flat Ring & Full Face Gasket for BS10 and AS2129 Table D.....	29
Flat Ring & Full Face Gasket for BS10 and AS2129 Table F	30



SKM GASKETING PRODUCT

Technological advancements allow SKM gaskets to be manufactured in modern facilities. Strict quality control is implemented to ensure product conformity to specifications and uniformity, resulting in consistent performance. SKM is certified to ISO 9001:2015 standards and is audited periodically (every 12 months) by Lloyd's Register Quality Assurance (LRQA). SKM delivers on this assurance and performs with proven reliability. Whether your industry involves chemical processing, hydrocarbon processing, power generation, pulp and paper, SKM gaskets are the right choice.



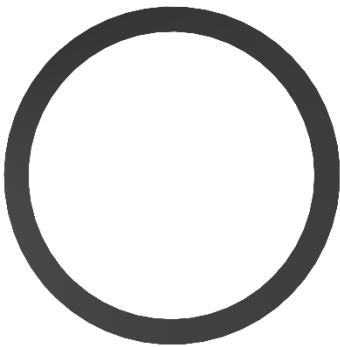
Selecting the right gasket product is critical, whether during the design process for new equipment or when selecting a new product to replace one that is no longer suitable. We present some common examples of applications, but this is not intended to guarantee performance. Specific gasket applications require independent studies and specific evaluations for suitability. SKM will provide technical assistance with specific recommendations. Please consult with us. We are ready to help you make the right choice. Let us help you choose the right product for your application. Selecting a gasket material for a specific application is not easy. We can select materials based on several parameters, including temperature, application, fluid, and pressure. Other factors that can affect gasket life include flange material, bolt quality, flange surface finish (and many other variables).



SBR

Composed of styrene-butadiene binder with asbestos and mild steel reinforcement

Styrene-butadiene binder with asbestos and mild steel reinforcement op grade wire-reinforced material for extreme service. Recommended for use for high and fluctuating temperatures and pressures.



Temperature resistant

» Suitable for high temperatures (550°C)
Suitable for high pressures Supplied with Graphite Anti-Stick finish Wire-Reinforced to improve blow-out resistance and compressive strength.

Typical Properties

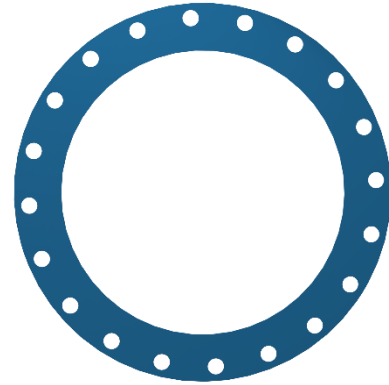
Color		Gray/Graphite Finish
Binder		Styrene Butadiene
Temperature	Maximum	550°C
	Minimum	Ambient Temp
	Continuous Max.	290°C
Pressure Continuous max.	Psig (Bar)	1200 (83)
Size	Thickness	0.5, 0.75, 1.0, 1.5, 2.0, 3.0
Density	g/cm3	1.68
Compresibility	%	8
Minimum Tensile Strength	MPa	33



ARAMID

Aramid fibers bonded with NBR

Consisting of aramid fibers bonded with NBR, this universal gasket material is a synonym for safe and reliable sealing. Its unique matrix makes it resistant to oils, water, steam, gases, salt solutions, fuels, alcohols, moderate organic and inorganic acids, hydrocarbons and lubricants as well as refrigerants.



Temperature resistant

» Suitable for temperatures (170°C)
Pressure suitable for 40Bar

Media

Good resistance to Paraffinic hydrocarbon, Oil, Alcohol, Water, Base (dilute). Suitable with limitations on several fluid such as motor fuel, minerals.

Typical Properties

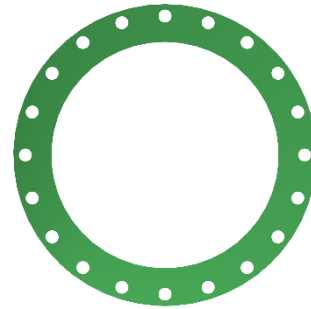
Color		Green
Binder		Aramid fiber bonded with NBR
Temperature	Maximum	200°C
	Minimum	Ambient Temp
	Continuous Max.	170°C
Pressure Continuous max.	Psig (Bar)	580 (40)
Size	Thickness (mm)	0.5, 1.0, 1.5, 2.0, 3.0
Density	g/cm ³	1.6
Compressibility	%	11
Recovery	ASTM F36J %	55



SYNTETIC FIBER

Synthetic fibers bonded with NBR

Consisting of synthetic fibers bonded with NBR and offering excellent stress relaxation. this gasket material is used in hot water and higher-temperature steam applications.



Temperature resistant

» Suitable for temperatures (175°C)
Pressure suitable for 40Bar

Media

Good resistance to oils, gases, salt solutions, fuels, alcohols, moderate organic and inorganic acids, hydrocarbons, lubricants and refrigerants..

Typical Properties

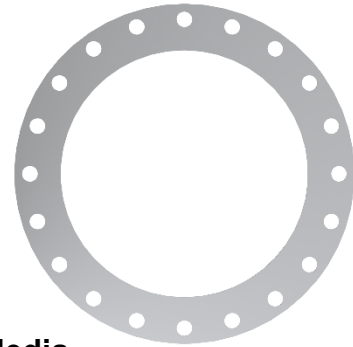
Color		Green, White
Binder		Synthetic fiber bonded with NBR
Temperature	Maximum	300°C
	Minimum	Ambient Temp
	Continuous Max.	175°C
Pressure Continuous max.	Psig (Bar)	580 (40)
Size	Thickness	0.5, 1.0, 1.5, 2.0, 3.0
Density	g/cm ³	1.8
Compressibility	%	9
Recovery	ASTM F36J %	55



PTFE

PTFE with carbon filled

PTFE material is strongly acidic and alkaline applications as well as in steam and oxygen. Suitable for an extremely wide range of applications in the chemical and petrochemical industry, as well as in the ship building industry for the transport of chemicals.



Temperature resistant

» Suitable for temperatures (260°C)
Pressure suitable for 50Bar

Media

Good resistance to oils, gases, salt solutions, fuels, alcohols , moderate organic and inorganic acids, hydrocarbons, lubricants and refrigerants..

Typical Properties

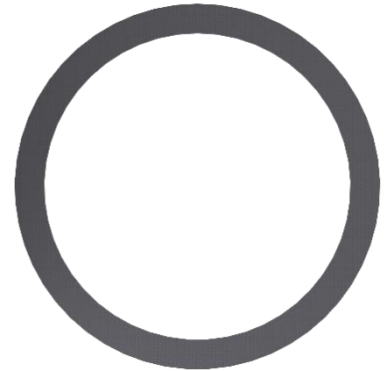
Color		White
Binder		PTFE with carbon filled.
Temperature	Maximum	260°C
	Minimum	Ambient Temp
	Continuous Max.	150°C
Pressure Continuous max.	Psig (Bar)	720 (50)
Size	Thickness	2.0, 3.0
Density	g/cm3	2.16
Compressibility	%	4
Recovery	ASTM F36J %	50



GRAPHITE

Pure graphite material with stainless steel tangen insert

Graphite Laminate has a 0.1 mm thick perforated stainless steel insert. The insert aids material handling properties and also increases the blow-out resistance. Stable physical properties over the entire temperature range. Graphite Laminate is suitable for hot water and steam at high temperatures up to 842F (450C).



Temperature resistant

» Suitable for temperatures (260°C)
Pressure suitable for 50Bar

Media

Good resistance to oils, gases, salt solutions, fuels, alcohols , moderate organic and inorganic acids, hydrocarbons, lubricants and refrigerants..

Typical Properties

Color		White
Binder		PTFE with carbon filled.
Temperature	Maximum	260°C
	Minimum	Ambient Temp
	Continuous Max.	150°C
Pressure Continuous max.	Psig (Bar)	720 (50)
Size	Thickness	0.5, 1.0, 1.5, 2.0, 3.0
Density	g/cm3	2.16
Compresibility	%	4
Recovery	ASTM F36J %	50



CHLOROPRENE (CR)

Chloroprene rubber

Chloroprene (CR) we usually call it Neoprene, economical grade of general purpose rubber able to perform in a range of sealing, lining and gasket applications. It has the formal designation Chloroprene (CR) and is black in colour.

Neoprene Rubber has good compatibility with oils and fuels as well as good weathering, heat and fire resistance. It is also a highly flexible rubber that is easy to work with and maintains this flexibility across a long performance life.



Temperature resistant

» Suitable for temperatures (100°C)

Pressure suitable for 16Bar

Typical Properties

Color		Black
Binder		CR/Neoprene.
Temperature	Maximum	100°C
	Minimum	Ambient Temp
	Continuous Max.	80°C
Pressure Continuous max.	Psig (Bar)	232 (16)
Size	Thickness	2.0, 3.0
Density	g/cm ³	1.5
Hardness	Shore A	60-70
Compressibility	%	35
Tensile strength	N/mm ²	5.9



NBR

Nitrile butadiene rubber

NBR is generally suitable for mechanical and piping equipment containing water, oil, grease, aluminum chloride, aluminum hydroxide, ammonium nitrate, copper nitrate, and diesel fuel.

Temperature resistance up to 100°C.

Temperature resistant

» Suitable for temperatures (100°C)

Pressure suitable for 16Bar



Typical Properties

Color		Black
Binder		Nitrile butadiene rubber.
Temperature	Maximum	100°C
	Minimum	Ambient Temp
	Continuous Max.	100°C
Pressure Continuous max.	Psig (Bar)	232 (16)
Size	Thickness	2.0, 3.0
Density	g/cm ³	1.3
Hardness	Shore A	60-70
Compressibility	%	10
Tensile strength	N/mm ²	16



EPDM

Ethylene propylene diene monomer rubber

EPDM rubber (ethylene propylene diene monomer rubber) is an elastomer which is characterized by wide range of applications. Good heat and chemical resistance. Not recommended for oils, gasoline, kerosene, aromatic & aliphatic hydrocarbon, concentrated acid and petroleum oil.



Temperature resistant

» Suitable for temperatures (150°C)
Pressure suitable for 16Bar

Media

Resistance to hot and cold water,
steam, alkalis, alcohol, engine coolant,
Fluorine

Typical Properties

Color		Black
Binder		EPDM
Temperature	Maximum	150°C
	Minimum	Ambient Temp
	Continuous Max.	100°C
Pressure Continuous max.	Psig (Bar)	232 (16)
Size	Thickness	2.0, 3.0
Density	g/cm ³	1.1
Hardness	Shore A	60-70
Compressibility	%	10
Tensile strength	N/mm ²	15

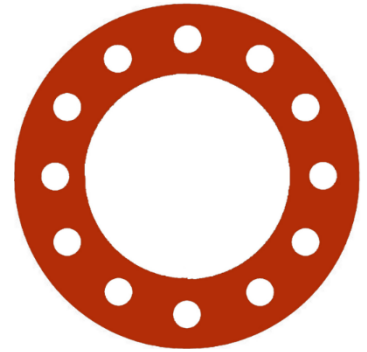


FKM

Fluoroelastomer

FKM (Fluoroelastomer) is a type of high-performance synthetic rubber known for its resistance to high temperatures, oils, fuels, and chemicals.

Resistant to ozone, UV rays and extreme weather conditions.



Temperature resistant

» Suitable for temperatures (200°C)

Pressure suitable for 16Bar

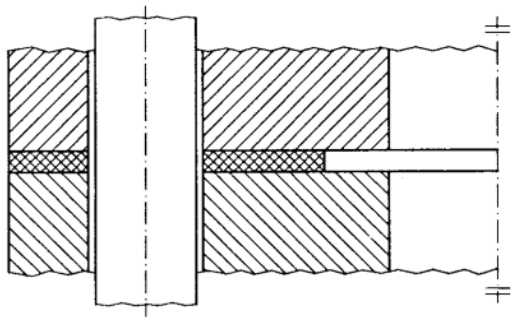
Media

Resistance to Oil, grease, Aluminum chlorid, ammonium, Fuel, chlorine,

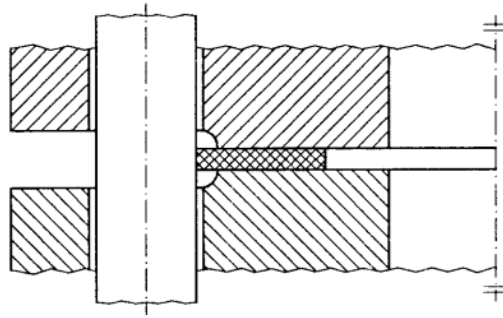
Typical Properties

Color		Black, Red
Binder		FKM
Temperature	Maximum	200°C
	Minimum	Ambient Temp
	Continuous Max.	150°C
Pressure Continuous max.	Psig (Bar)	232(16)
Size	Thickness	2.0, 3.0
Density	g/cm ³	1.8
Hardness	Shore A	60-70
Compressibility	%	17
Tensile strength	N/mm ²	5

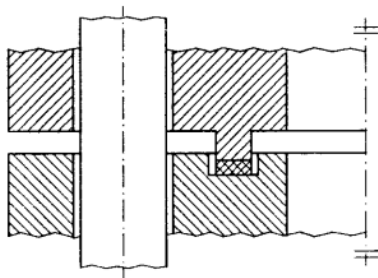
GASKET TYPE



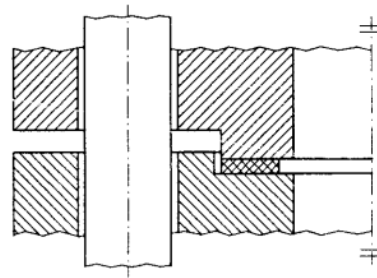
a) Type A flange facings with type FF gasket



b) Type B flange facings with type IBC gasket



c) Type C/D flange facings with type TG gasket



d) Type E/F flange facings with type SR gasket

Figure 1. Types of flange facings with gaskets

Gaskets shall be one of the following types:

- a) type FF gasket, for use with type A (flat face) or type B (raised face) flange facings (see figures 1a and 2a);
- b) type IBC gasket, for use with type A (flat face) or type B (raised face) flange facings (see figures 1b and 2b);
- c) type TG gasket, for use with type C/D (tongue/groove) flange facings (see figures 1c and 2b);
- d) type SR gasket, for use with type E/F (spigot/recess) flange facings (see figures 1d and 2b).

NOTE 1. The types of flange facings are specified in prEN 1092-1, prEN 1092-2, prEN 1092-3 and prEN 10924, and for information, the facings are shown in figure 3.

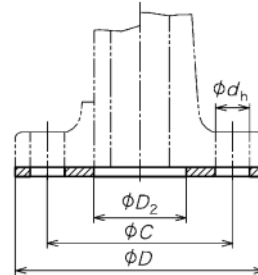
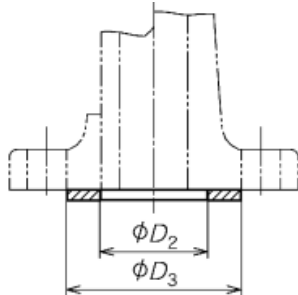
NOTE 2. The selection of gasket type should take into account the fluid, the operating conditions, the properties of the gasket materials, the type and surface finish of the flange facing and the flange bolt loading. It is recommended that selection of gasket type for any particular application is made in consultation with the gasket supplier (see annex A).

NOTE 3. Only type FF and type IBC gaskets are suitable for use with flanges on pipes and fittings complying with EN 545, EN 598 and EN 969.

NOTE 4. Gaskets of types described in 6a, b, c and d and having an outside diameter greater than 1500 mm may be available only in segmental form. The purchaser should consult the gasket manufacturer or supplier as to the forms available for the larger sizes of gaskets (see annex A).

Flat Ring & Full Face Gasket for B16.5 Flange

- Applicable standard
ASME B16.21 – Non Metallic Gasket
- Applicable flange
ASME B16.5

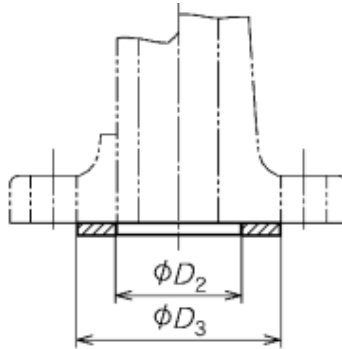


Table

ASME B16.5 Class 150						
NPS	Gasket I.D (D2)	IBC O.D (D3)	Full Face Gasket			
			O.D FF (D)	Number of Holes	Holes Diameter (dn)	Bolt Circle Diameter (C)
1/2	21	48	89	4	5/8	60.3
3/4	27	57	98	4	5/8	69.9
1	33	67	108	4	5/8	79.4
1-1/4	42	76	117	4	5/8	88.9
1-1/2	48	86	127	4	5/8	98.4
2	60	105	152	4	3/4	120.7
2-1/2	73	124	178	4	3/4	139.7
3	89	137	191	4	3/4	152.4
3-1/2	102	162	216	8	3/4	177.8
4	114	175	229	8	3/4	190.5
5	141	197	254	8	7/8	215.9
6	168	222	279	8	7/8	241.3
8	219	279	343	8	7/8	298.5
10	273	340	406	12	1	362.0
12	324	410	483	12	1	431.8
14	356	451	533	12	1-1/8	476.3
16	406	514	597	16	1-1/8	539.8
18	457	549	635	16	1-1/4	577.9
20	508	606	699	20	1-1/4	635.0
24	610	718	813	20	1-3/8	749.3

Flat Ring Gasket for B16.5 Flange

- Applicable standard
ASME B16.21 – Non Metallic Gasket
- Applicable flange
ASME B16.5

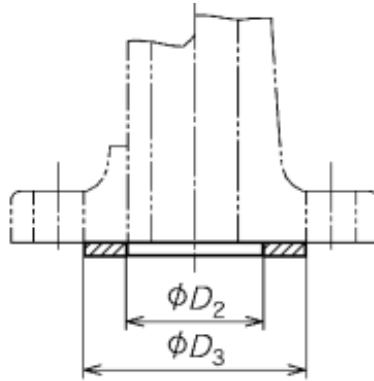


Table

ASME B16.5 Class 300, 400, 600, 900					
NPS	Gasket I.D (D2)	IBC O.D (D3)			
		Class 300	Class 400	Class 600	Class 900
1/2	21	54	54	54	64
3/4	27	67	67	67	70
1	33	73	73	73	79
1-1/4	42	83	83	83	89
1-1/2	48	95	95	95	98
2	60	111	111	111	143
2-1/2	73	130	130	130	165
3	89	149	149	149	168
3-1/2	102	165	162	162	-
4	114	181	178	194	206
5	141	216	213	241	248
6	168	251	248	267	289
8	219	308	305	321	359
10	273	362	359	400	435
12	324	422	419	457	498
14	356	486	483	492	521
16	406	540	537	565	575
18	457	597	594	613	638
20	508	654	648	683	699
24	610	775	768	791	838

Flat Ring Gasket for B16.47 Series A Flange

- Applicable standard
ASME B16.21 – Non Metallic Gasket
- Applicable flange
ASME B16.47 Series A

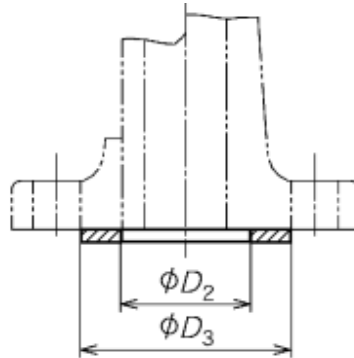


Table

ASME B16.47 Series A Class 150, 300, 400, 600					
NPS	Gasket I.D (D2)	IBC O.D (D3)			
		Class 150	Class 300	Class 400	Class 600
22 [Note]	559	660	705	702	733
26	660	775	835	832	867
28	711	832	899	892	914
30	762	883	953	946	972
32	813	940	1 006	1 003	1 022
34	864	991	1 057	1 054	1 073
36	914	1 048	1 118	1 118	1 130
38	965	1 111	1 054	1 073	1 105
42	1 016	1 162	1 114	1 127	1 156
40	1 067	1 219	1 165	1 178	1 219
44	1 118	1 276	1 219	1 232	1 270
46	1 168	1 327	1 273	1 289	1 327
48	1 219	1 384	1 324	1 346	1 391
50	1 270	1 435	1 378	1 403	1 448
52	1 321	1 492	1 429	1 454	1 499
54	1 372	1 549	1 492	1 518	1 556
56	1 422	1 607	1 543	1 568	1 613
58	1 473	1 664	1 594	1 619	1 664
60	1 524	1 715	1 645	1 683	1 721

Flat Ring Gasket for B16.47 Series B Flange

- Applicable standard
ASME B16.21 – Non Metallic Gasket
- Applicable flange
ASME B16.47 Series B

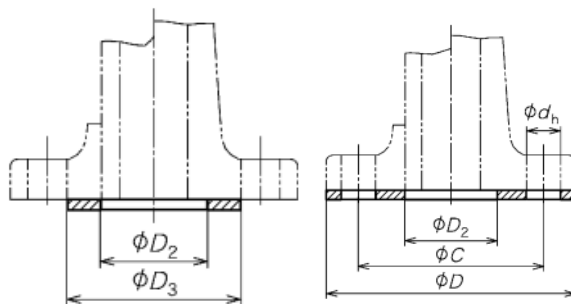


Table

ASME B16.47 Series B Class 150, 300, 400, 600						
NPS	Gasket I.D (D2)	IBC O.D (D3)				
		Class 75	Class 150	Class 300	Class 400	Class 600
26	660	708	725	772	746	765
28	711	759	776	826	800	819
30	762	810	827	886	857	879
32	813	860	881	940	911	933
34	864	911	935	994	962	997
36	914	973	987	1 048	1022	1 048
38	965	1 024	1 045	1 099	-	-
40	1 016	1 075	1 095	1 149	-	-
42	1 067	1 126	1 146	1 200	-	-
44	1 118	1 181	1 197	1 251	-	-
46	1 168	1 232	1 256	1 318	-	-
48	1 219	1 283	1 307	1 368	-	-
50	1 270	1 334	1 357	1 419	-	-
52	1 321	1 387	1 408	1 470	-	-
54	1 372	1 438	1 464	1 530	-	-
56	1 422	1 495	1 514	1 594	-	-
58	1 473	1 546	1 580	1 656	-	-
60	1 524	1 597	1 630	1 705	-	-

Flat Ring Gasket for EN-1092 Flange

- Applicable standard
DIN EN-1514-1 - Non Metallic Gasket
- Applicable flange
DIN EN-1092-1, EN-1092-2, EN-1092-3,
EN-1092-4

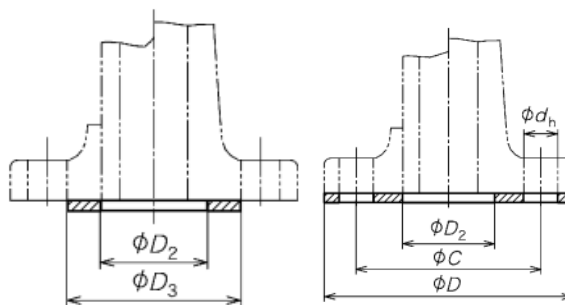


Table

DIN EN-1092-1, EN-1092-2, EN-1092-3, EN-1092-4 (PN2.5)			
DN	Gasket I.D (D2)	Type IBC Gasket O.D (D3)	Type FF Gasket O.D (D)
10	Use PN 6 Dimension	Use PN 6 Dimension	Use PN 6 Dimension
15			
20			
25			
32			
40			
50			
65			
80			
100			
125			
150			
200			
250			
300			
350			
400			
450			
500			
600			
700			
800			
900			
1000			
1200	1220	1290	Use PN 6 Dimension
1400	1420	1490	
1600	1620	1700	
1800	1820	1900	
2000	2020	2100	
2200	2220	2307	
2400	2420	2507	
2600	2620	2707	
2800	2820	2924	
3000	3020	3124	
3200	3220	3324	
3400	3420	3524	
3600	3620	3734	Use PN 6 Dimension
3800	3820	3931	
4000	4020	4131	

Flat Ring & Full Face Gasket for EN-1092 Flange

- Applicable standard
DIN EN-1514-1 - Non Metallic Gasket
- Applicable flange
DIN EN-1092-1, EN-1092-2, EN-1092-3,
EN-1092-4

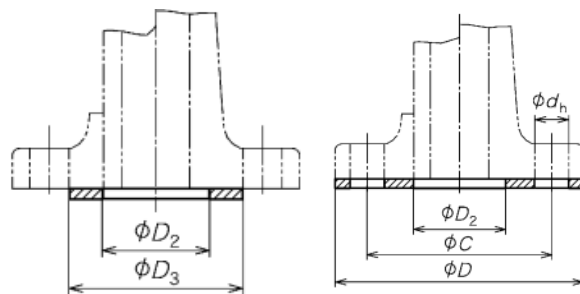


Table

DIN EN-1092-1, EN-1092-2, EN-1092-3, EN-1092-4 (PN6)						
DN	Gasket I.D (D2)	Type IBC Gasket O.D (D3)	Type FF Gasket O.D			
			Outside Diameter (D)	Hole		Bolt Circle Diameter (C)
				No	Diameter (dn)	
10	18	39	75	4	11	50
15	22	44	80	4	11	55
20	27	54	90	4	11	65
25	34	64	100	4	11	75
32	43	76	120	4	14	90
40	49	86	130	4	14	100
50	61	96	140	4	14	110
60	72	106	150	4	14	120
65	77	116	160	4	14	130
80	89	132	190	4	18	150
100	115	152	210	4	18	170
125	141	182	240	8	18	200
150	169	207	265	8	18	225
200	220	262	320	8	18	280
250	273	317	375	12	18	335
300	324	373	440	12	22	395
350	356	423	490	12	22	445
400	407	473	540	16	22	495
450	458	528	595	16	22	550
500	508	578	645	20	22	600
600	610	679	755	20	26	705
700	712	784				
800	813	890				
900	915	990				
1000	1016	1090				
1200	1220	1307				
1400	1420	1524				
1600	1620	1724				
1800	1820	1931				
2000	2020	2138				
2200	2220	2348				
2400	2420	2558				
2600	2620	2762				
2800	2820	2972				
3000	3020	3172				
3200	3220	3382				
3400	3420	3592				
3600	3620	3804				

Flat Ring & Full Face Gasket for EN-1092 Flange

- Applicable standard
DIN EN-1514-1 - Non Metallic Gasket
- Applicable flange
DIN EN-1092-1, EN-1092-2, EN-1092-3,
EN-1092-4

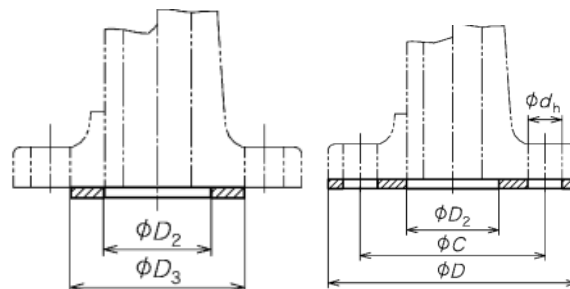


Table

DIN EN-1092-1, EN-1092-2, EN-1092-3, EN-1092-4 (PN10)															
DN	Gasket I.D (D2)	Type IBC Gasket O.D (D3)	Type FF Gasket O.D												
			Outside Diameter (D)	Hole		Bolt Circle Diameter (C)	Type SR Gasket	Type TG Gasket							
				No	Diameter		O.D	I.D	O.D						
10	Use PN40 dimension	Use PN40 dimension	Use PN40 dimension				Use PN40 dimension	Use PN40 dimension							
15															
20															
25															
32															
40															
50															
60															
65															
80															
100	Use PN16 dimension	Use PN16 dimension	Use PN16 dimension												
125															
150															
200										340	8	22	295		
250										273	328	395 (4)	12	22	350
300										324	378	445 (4)	12	22	400
350										356	438	505	16	22	460
400										407	489	565	16	26	515
450										458	539	615	20	26	565
500										508	594	670	20	26	620
600	610	695	780	20	30	725									
700	712	810	895	24	30	840	Use PN25 dimension	Use PN25 dimension							
800	813	917	1015	24	33	950									
900	915	1017	1115	28	33	1050									
1000	1016	1124	1230	28	36	1160									
1100	1120	1231	1340	32	39	1270									
1200	1220	1341	1455	32	39	1380									
1400	1420	1548	1675	36	42	1590									
1500	1520	1658	1785	36	42	1700									
1600	1620	1772	1915	40	48	1820									
1800	1820	1972	2115	44	48	2020									
2000	2020	2182	2325	48	48	2230									
2200	2220	2384													
2400	2420	2594													
2600	2620	2794													
2800	2820	3014													
3000	3020	3228													

Flat Ring & Full Face Gasket for EN-1092 Flange

- Applicable standard
DIN EN-1514-1 - Non Metallic Gasket
- Applicable flange
DIN EN-1092-1, EN-1092-2, EN-1092-3,
EN-1092-4

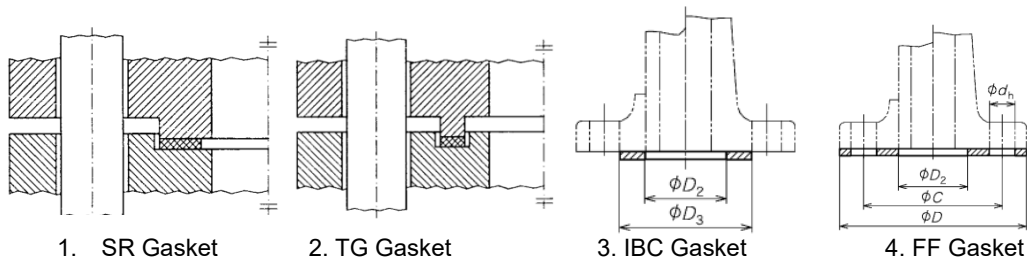


Table

DIN EN-1092-1, EN-1092-2, EN-1092-3, EN-1092-4 (PN16)											
DN	Gasket I.D (D2)	Type IBC Gasket O.D (D3)	Type FF Gasket O.D								
			Outside Diameter (D)	Hole		Bolt Circle Diameter (C)	Type SR Gasket	Type TG Gasket			
				No	Diameter		O.D	I.D	O.D		
10	Use PN40 dimension	Use PN40 dimension	Use PN40 dimension				Use PN40 dimension	Use PN40 dimension			
15											
20											
25											
32											
40											
50											
60											
65											
80											
100	115	162	220	8	18	180					
125	141	192	250	8	18	210					
150	169	218	285	8	22	240					
200	220	273	340	12	22	295					
250	273	329	405 (4)	12	26	355					
300	324	384	460 (4)	12	26	410					
350	356	444	520	16	26	470					
400	407	495	580	16	30	525					
450	458	555	640	20	30	585					
500	508	617	715	20	33	650					
600	610	734	840	20	36	770					
700	712	804	910	24	36	840					
800	813	911	1025	24	39	950	Use PN25 dimension	Use PN25 dimension			
900	915	1011	1125	28	39	1050					
1000	1016	1128	1255	28	42	1170					
1100	1120	1228	1355	32	42	1270					
1200	1220	1342	1485	32	48	1390					
1400	1420	1542	1685	36	48	1590					
1500	1520	1654	1820	36	56	1710					
1600	1620	1764	1930	40	56	1820					
1800	1820	1964	2130	40	56	2020					
2000	2020	2168	2345	48	62	2230					

Flat Ring & Full Face Gasket for EN-1092 Flange

- Applicable standard
DIN EN-1514-1 - Non Metallic Gasket
- Applicable flange
DIN EN-1092-1, EN-1092-2, EN-1092-3, EN-1092-4

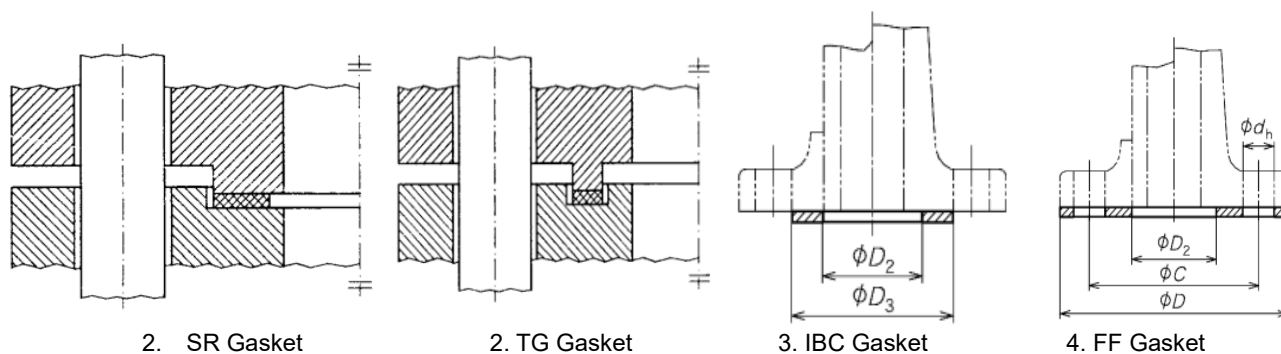


Table

DIN EN-1092-1, EN-1092-2, EN-1092-3, EN-1092-4 (PN25)								
DN	Gasket Inside Diameter	400 457 514	Type FF Gasket			Type SR Gasket O.D	Type TG Gasket	
			Hole No	Diameter	Bolt Circle Diameter		I.D	O.D
10	Use PN40 dimension					Use PN40 dimension		Use PN40 dimension
15								
20								
25								
32								
40								
50								
60								
65								
80								
100								
125								
150								
200	220	284	12	26	310	Use PN40 dimension		
250	273	340	12	30	370			
300	324	400	16	30	430			
350	356	457	16	33	490			
400	407	514	16	36	550			
450	458	564	20	36	600			
500	508	624	20	36	660			
600	610	731	20	39	770			
700	712	833	24	42	875	777	751	777
800	813	942	24	48	990	882	856	882
900	915	1042	28	48	1090	987	961	987
1000	1016	1154	28	56	1210	1092	1062	1092
1100	1120	1254	32	56	1310			
1200	1220	1364	32	56	1420			
1400	1420	1578	32	62	1640			
1500	1520	1688	36	62	1750			
1600	1620	1798	36	62	1860			
1800	1820	2000	40	70	2070			
2000	2020	2230	48	70	2300			

Flat Ring & Full Face Gasket for EN-1092 Flange

- Applicable standard
DIN EN-1514-1 - Non Metallic Gasket
- Applicable flange
DIN EN-1092-1, EN-1092-2, EN-1092-3, EN-1092-4

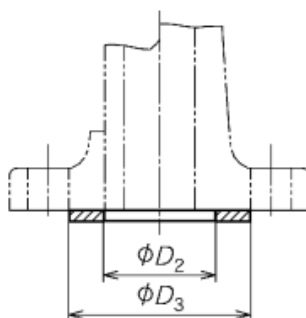


Table

DIN EN-1092-1, EN-1092-2, EN-1092-3, EN-1092-4 (PN40)									
DN	Gasket I.D	Type IBC Gasket O.D	Type FF Gasket O.D						
			Outside Diameter	Hole		Bolt Circle Diameter	Type SR Gasket	Type TG Gasket	
				No	Diameter		O.D	I.D	O.D
10	18	46	90	4	14	60	34	24	34
15	22	51	95	4	14	65	39	29	39
20	27	61	105	4	14	75	50	36	50
25	34	71	115	4	14	85	57	43	57
32	43	82	140	4	18	100	65	51	65
40	49	92	150	4	18	110	75	61	75
50	61	107	165	4	18	125	87	73	87
60	72	117	175	8	18	135	-	-	-
65	77	127	185	8 (4)	18	145	109	95	109
80	89	142	200	8	18	160	120	106	120
100	115	168	235	8	22	190	149	129	149
125	141	194	270	8	26	220	175	155	175
150	169	224	300	8	26	250	203	183	203
200	220	290	375	12	30	320	259	239	259
250	273	352	450	12	33	385	312	292	312
300	324	417	515	16	33	450	363	343	363
350	356	474	580	16	36	510	421	395	421
400	407	546	660	16	39	585	473	447	473
450	458	571	685	20	39	610	523	497	523
500	508	628	755	20	42	670	575	549	575
600	610	747	890	20	48	795	675	649	675

Flat Ring Gasket for EN-1092 Flange

- Applicable standard
DIN EN-1514-1 - Non Metallic Gasket
- Applicable flange
DIN EN-1092-1, EN-1092-2, EN-1092-3, EN-1092-4

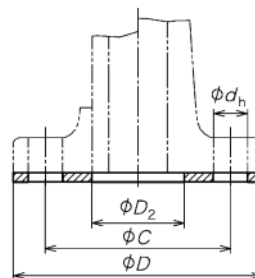


Table

DIN EN-1092-1, EN-1092-2, EN-1092-3, EN-1092-4 (PN63)		
DN	Gasket I.D	Type IBC Gasket O.D
10	18	56
15	21	61
20	25	72
25	30	82
32	41	88
40	47	103
50	59	113
60	68	123
65	68	138
80	73	148
100	86	174
125	110	210
150	135	247
175	163	277
200	163	309
250	185	364
300	210	424
350	264	486
400	314	543

Full Face Gasket for JIS Flange

- Applicable standard
JIS-2404 – Gasket pipe flange
- Applicable flange
JIS B 2220, JIS B 2239, JIS B 2240 and JIS B 2241

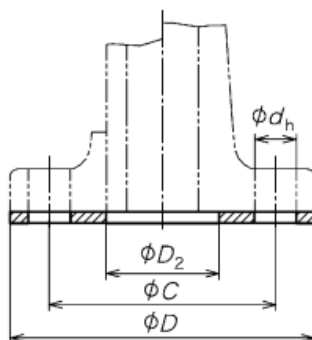


Table

Nominal size	Inside diameter of gasket	Outside diameter of gasket	Diameter of circle formed by bolt holes	Bolt hole diameter	Number of bolt holes
A	D2	D	C	dn	
10	18	75	55	12	4
15	22	80	60	12	4
20	28	85	65	12	4
25	35	95	75	12	4
32	43	115	90	15	4
40	49	120	95	15	4
50	61	130	105	15	4
65	84	155	130	15	4
80	90	180	145	19	4
90	102	190	155	19	4
100	115	200	165	19	8
125	141	235	200	19	8
150	167	265	230	19	8
175	192	300	260	23	8
200	218	320	280	23	8
225	244	345	305	23	12
250	270	385	345	23	12
300	321	430	390	23	12
350	359	480	435	25	12
400	410	540	495	25	16
450	460	605	555	25	16
500	513	655	605	25	20
550	564	720	665	27	20
600	615	770	665	27	20
650	667	825	715	27	24
700	718	875	770	27	24
750	770	945	820	33	24
800	820	995	880	33	24
850	872	1 045	930	33	24
900	923	1 095	980	33	24
1000	1025	1 195	1 030	33	28
1100	1130	1 305	1 130	33	28
1200	1230	1 420	1 350	33	32
1350	1385	1 575	1 505	33	32
1500	1540	1 730	1 660	33	36

Full Face Gasket for JIS Flange

- Applicable standard
JIS-2404 – Gasket pipe flange
- Applicable flange
JIS B 2220, JIS B 2239, JIS B 2240
and JIS B 2241

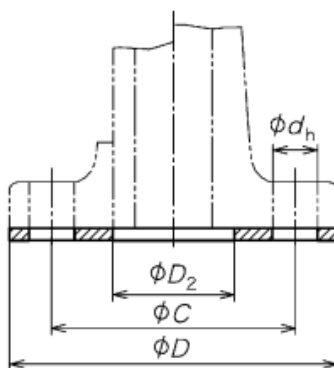


Table

Nominal size	Inside diameter of gasket	Outside diameter of gasket	Diameter of circle formed by bolt holes	Bolt hole diameter	Number of bolt holes
A	D2	D	C	dn	
10	18	90	65	15	4
15	22	95	70	15	4
20	28	100	75	15	4
25	35	125	90	19	4
32	43	135	100	19	4
40	49	140	105	19	4
50	61	155	120	19	4
65	84	175	140	19	4
80	90	185	150	19	8
90	102	195	160	19	8
100	115	210	175	19	8
125	141	250	210	23	8
150	167	280	240	23	8
175	192	305	265	23	12
200	218	330	290	23	12
225	244	350	310	23	12
250	270	400	355	25	12
300	321	445	400	25	16
350	359	490	445	25	16
400	410	560	510	27	16
450	460	620	565	27	20
500	513	675	620	27	20
550	564	745	680	33	20
600	615	795	730	33	24
650	667	845	780	33	24
700	718	905	840	33	24
750	770	970	900	33	24
800	820	1020	950	33	28
850	872	1070	1000	33	28
900	923	1120	1050	33	28
1000	1025	1 235	1160	39	28
1100	1130	1345	1270	39	28
1200	1230	1465	1380	39	32
1350	1385	1630	1540	45	36
1500	1540	1795	1700	45	40

Full Face Gasket for JIS Flange

- Applicable standard
JIS-2404 – Gasket pipe flange
- Applicable flange
JIS B 2220, JIS B 2239, JIS B 2240 and JIS B 2241

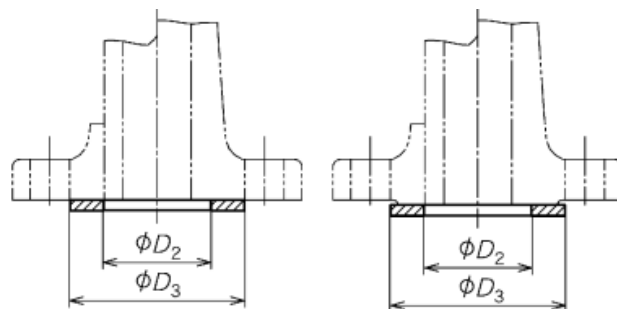


Table

Nominal size	Inside diameter of gasket	Outside diameter of gasket	Diameter of circle formed by bolt holes	Bolt hole diameter	Number of bolt holes
A	D2	D	C	dn	
10	18	90	65	15	4
15	22	95	70	15	4
20	28	100	75	15	4
25	35	125	90	19	4
25	43	135	100	19	4
40	49	140	105	19	4
50	61	155	120	19	8
65	84	175	140	19	8
80	90	200	160	23	8
90	102	210	170	23	8
100	115	225	185	23	8
125	141	270	225	25	8
150	167	305	260	25	12
175	-	-	-	-	-
200	218	350	305	25	12
225	-	-	-	-	-
250	270	430	380	27	12
300	321	480	430	27	16
350	359	540	480	33	16
400	410	605	540	33	16
450	460	675	605	33	20
500	513	730	660	33	20
550	564	795	720	39	20
600	615	845	770	39	24

Flat Ring Gasket for JIS Flange

- Applicable standard
JIS-2404 – Gasket pipe flange
- Applicable flange
JIS B 2220, JIS B 2239, JIS B 2240 and JIS B 2241 with flat face or rise face flange

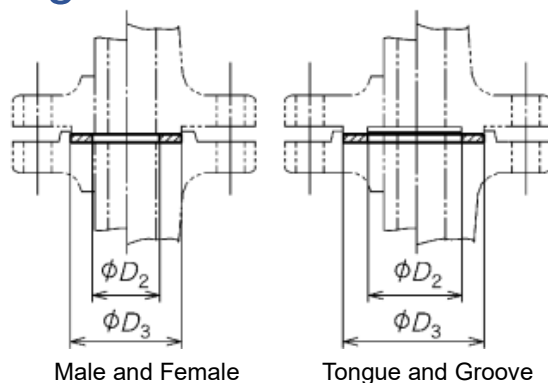


Table

Nominal size	Inside diameter of gasket	Outside diameter of gasket, D3					
A	D2	5K	10K	10K Thin Type	16k	20K	30K
10	18	45	53	55	53	53	59
15	22	50	58	60	58	58	64
20	28	55	63	65	63	63	69
25	35	65	74	78	74	74	79
32	43	78	84	88	84	84	89
40	49	83	89	93	89	89	100
50	61	93	104	108	104	104	114
65	84	118	124	128	124	124	140
80	90	129	134	138	140	140	150
90	102	139	144	148	150	150	163
100	115	149	159	163	165	165	173
125	141	184	190	194	203	203	208
150	167	214	220	224	238	238	251
175	192	240	245	249	-	-	-
200	218	260	270	274	283	283	296
225	244	285	290	294	-	-	-
250	270	325	333	335	356	356	360
300	321	370	378	380	406	406	420
350	359	413	423	425	450	450	465
400	410	473	486	488	510	510	524
450	460	533	541	-	575	575	-
500	513	583	596	-	630	630	-
550	564	641	650	-	684	684	-
600	615	691	700	-	734	734	-
650	667	746	750	-	-	-	-
700	718	796	810	-	-	-	-
750	770	850	870	-	-	-	-
800	820	900	920	-	-	-	-
850	872	950	970	-	-	-	-
900	923	1000	1020	-	-	-	-
1000	1025	1100	1124	-	-	-	-
1100	1130	1210	1234	-	-	-	-
1200	1230	1320	1344	-	-	-	-
1350	1385	1475	1498	-	-	-	-
1500	1540	1630	1658	-	-	-	-

Flat Ring Gasket for JIS Flange

- Applicable standard
JIS-2404 – Gasket pipe flange
- Applicable flange
JIS B 2220, JIS B 2239, JIS B 2240
and JIS B 2241 with flat face or rise
face flange

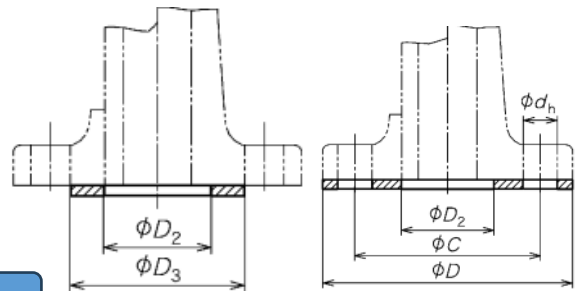


Table

Nominal size	Male and Female Flange		Tongue and Groove Flange	
A	Inside diameter of gasket, D2	Outside diameter of gasket, D3	Inside diameter of gasket, D2	Outside diameter of gasket, D3
10	18	38	28	38
15	22	42	32	42
20	28	50	38	50
25	35	60	45	60
32	43	70	55	70
40	49	75	60	75
50	61	90	70	90
65	77	110	90	110
80	90	120	100	120
90	102	130	110	130
100	115	145	125	145
125	141	175	150	175
150	167	215 (212)	190 (187)	215 (212)
175	-	-	-	-
200	218	260	230	260
225	-	-	-	-
250	270	325	295	325
300	321	375 (370)	340	375 (370)
350	359	415	380	415
400	410	475	440	475
450	460	523	483	523
500	513	575	535	575
550	564	625	585	625
600	615	675	635	675
650	667	727	682	727
700	718	777	732	777
750	770	832	787	832
800	820	882	837	882
850	872	934	889	934
900	923	987	937	987
1000	1 025	1 092	1 042	1 092
1100	1 130	1 192	1 142	1 192
1200	1 230	1 292	1 237	1 292
1350	1 385	1 442	1 387	1 442
1500	1 540	1 592	1 537	1 592

Flat Ring & Full Face Gasket for BS10 and AS2129

- Applicable standard
BS-3063-1965 - specification for dimensions of gaskets for pipe flanges
- Applicable flange
BS-10 Table D, AS-2129 Table D

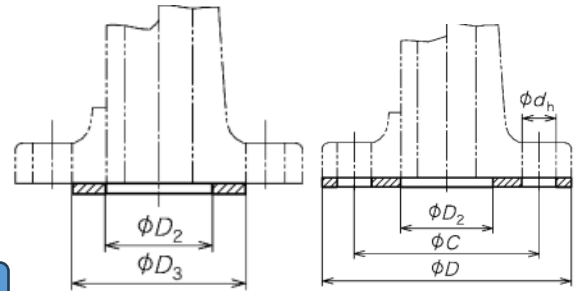


Table

Nominal Bore (in)	IBC Gasket	Full Face Gasket			
	D3x D2 (mm)	D x D2 (mm)	Number of Bolt Holes	Hole Diameter (mm)	Bolt P.C.D. (mm)
1/2	52 x 21	95 x 21	4	14	67
3/4	59 x 27	102 x 27	4	14	73
1	68 x 34	114 x 34	4	14	83
1-1/4	73 x 43	121 x 43	4	14	87
1-1/2	84 X 48	133 x 48	4	14	98
2	97 x 60	152 x 60	4	18	114
2-1/2	no x 76	165 x 76	4	18	127
3	129 x 89	184 x 89	4	18	146
3-1/2	148 x 102	203 x 102	4	18	165
4	160 x 114	216 x 114	4	18	178
5	192 x 140	254 x 140	8	18	210
6	216 x 168	279 x 168	8	18	235
7	243 x 194	305 x 194	8	18	260
8	275 x 219	337 x 219	8	18	292
9	306 x 244	368 x 244	8	18	324
10	333 x 273	406 x 273	8	22	356
12	384 x 324	457 x 324	12	22	406
13	416 x 356	489 x 356	12	22	438
14	445 X 381	527 x 381	12	25	470
15	470 x 406	552 x 406	12	25	495
16	495 x 432	578 x 432	12	25	521
17	527 x 457	610 x 457	12	25	552
18	559 x 483	641 x 483	12	25	584
19	584 x 508	673 x 508	12	25	610
20	616 x 533	705 x 533	16	25	641
21	648 x 559	737 x 559	16	25	673
22	670 x 584	762 x 584	16	29	699
23	695 x 610	787 x 610	16	29	724
24	727 x 635	826 x 635	16	29	756

Flat Ring & Full Face Gasket for BS10 and AS2129

- Applicable standard
BS-3063-1965 - specification for dimensions of gaskets for pipe flanges
- Applicable flange
BS-10 Table F, AS-2129 Table F



Table

Nominal Bore (in)	IBC Gasket	Full Face Gasket			
	D3x D2 (mm)	D x D2 (mm)	Number of Bolt Holes	Hole Diameter (mm)	Bolt P.C.D. (mm)
1/2	52 x 21	95 x 21	4	14	67
3/4	59 x 27	102 x 27	4	14	73
1	70 x 34	121 x 34	4	18	87
1-1/4	81 x 43	133 x 43	4	18	98
1-1/2	86 x 48	140 x 48	4	18	105
2	110 x 60	165 x 60	4	18	127
2-1/2	129 x 76	184 x 76	8	18	146
3	148 x 89	203 x 89	8	18	165
3-1/2	160 x 102	216 x 102	8	18	178
4	173 x 114	229 x 114	8	18	191
5	213 x 140	279 x 140	8	22	235
6	238 x 168	305 x 168	12	22	260
7	270 x 194	337 x 194	12	22	292
8	302 x 219	368 x 219	12	22	324
9	330 x 244	406 x 244	12	25	356
10	356 x 273	432 x 273	12	25	381
12	413 x 324	489 x 324	16	25	438
13	441 x 356	527 x 356	16	29	470
14	467 x 381	552 x 381	16	29	495
15	492 x 406	578 x 406	16	29	521
16	524 x 432	610 x 432	20	29	552
17	556 x 457	641 x 457	20	29	584
18	578 x 483	673 x 483	20	32	610
19	610 x 508	705 x 508	20	32	641
20	641 x 533	737 x 533	24	32	673
21	667 x 559	762 x 559	24	32	699
22	692 x 584	787 x 584	24	32	724
23	721 x 610	826 x 610	24	35	756
24	746 x 635	851 x 635	24	35	781

GASKET SOLUTION & SERVICE

MANUFACTURE :

SK Metalindo



021 - 89144174

marketing.gasket@skmetalindo.com

www.skmetalindo.com

Jln. Raya Lemahabang No.Km.59
Kec.Cikarang Timur, Kab.Bekasi.
Jawa Barat 17530