



PROPERTIES AND APPLICATIONS

The non-metallic or flat gaskets are the most typical ones from the family of flat static gaskets. They are used in large numbers by various industries and in a variety of applications. Soft gaskets are made of non-asbestos (CSF), graphite, PTFE, mica, aramid/graphite and rubber sealing materials. Available in standard and non-standard gasket design.

Table notes:

- (1) Engineered bio-soluble mineral fibers, aramid fibers
- (2) Engineered bio-soluble mineral fibers

Gasket materials and applications

Standard Line	Composition	Max.T (°C/°F)	Max. p (bar/psi)	Properties	Applications
BA-202	Organic fibers, NBR	140/284	40/580	Material has good mechanical and sealing properties. It has been designed for non-demanding applications.	General purpose, water supply, shipbuilding.
BA-203	Aramid fibers, NBR	200/392	50/725	Material with good thermal resistance, designed for less demanding applications.	General purpose, water supply, shipbuilding.
BA-50	Aramid fibers, NBR	220/428	80/1160	Material has good thermal, chemical, and dynamic resistance.	General purpose, water supply, potable water supply, gas supply, food industry, automotive and engine building industry.
BA-55	Synthetic fibers ⁽¹⁾ , NBR	270/518	100/1450	Material has good thermal and chemical properties and resistance to steam.	General purpose, potable water supply, steam supply, gas supply, food industry, heating systems.
BA-U	Aramid fibers, NBR	250/482	100/1450	Material for general purpose with good mechanical and thermal properties and low gas permeability.	General purpose, gas supply, petrochemical industry, food industry, shipbuilding, refrigeration and cooling.
BA-CF	Carbon fibers, NBR	300/572	120/1740	Material has excellent thermal properties and very good chemical resistance to steam and strong alkaline media.	Steam supply, gas supply, chemical industry, petrochemical industry, paper and cellulose industries, high temp. applications.
BA-M	Synthetic fibers ⁽¹⁾ , NBR	350/662	120/1740	Material possesses excellent thermomechanical properties, especially bolt torque retention.	Steam supply, paper and cellulose industries, power plant, refrigeration and cooling, heating systems, high temp. applications.
BA-GL	Glass fibers, NBR, aramid fibers	350/662	120/1740	This material combines excellent thermal, chemical and mechanical properties. It has outstanding bolt torque retention.	Steam supply, gas supply, shipbuilding, power plant, heating systems, high temp. applications.
BA-R	Aramid fibers, NBR, wire reinforcement	350/662	140/2030	This material combines very good resistance to high internal and surface pressure, with good thermal properties. It has high bolt torque retention.	Automotive and engine building industry, shipbuilding.
BA-REM	Glass fibers, aramid fibers, NBR, expanded metal	370/698	150/2175	This material combines excellent resistance to high internal and surface pressure, with good thermal properties. It has outstanding bolt torque retention.	Steam supply, petrochemical industry, shipbuilding, power plant, high temp. applications.
BA-R300	Inorganic fibers ⁽²⁾ , NBR, special reinforcement	450/842	/	Material has outstanding dynamic and thermal resistance.	Steam supply, automotive and engine building industry, shipbuilding, power plant, high temp. applications.
BA-R302	Inorganic fibers ⁽²⁾ , NBR, special reinforcement	600/1112	/	Material has superior thermal resistance coupled with excellent mechanical properties and blowout safety.	Steam supply, automotive and engine building industry, shipbuilding, power plant, high temp. applications.

Temperature and pressure represent maximum values and should not be used simultaneously. They are given only as guidance, since they depend not only on the type of gasket material but also on the assembly conditions. Very important factors are thickness of material, nature of service medium, type of flange and surface pressure. Steam application requires special considerations.

		Basis	Max. T (°C/°F)	Max. p (bar/psi)	Properties	Applications
Graphite sealing materials						
GRAFILIT®	SF	Expanded natural graphite	(Oxidizing atmosphere) 550 / 1022	80 / 1160	This material has excellent chemical and thermal resistance, combined with high compressibility.	Water supply, potable water supply, chemical industry, petrochemical industry, refrigeration and cooling, high temp. applications.
	SL	Expanded natural graphite, stainless steel foil insert (AISI 316; 0.05 mm).		100 / 1450	Material designed for high operating pressures with excellent chemical and thermal resistance.	Potable water supply, steam supply, chemical industry, power plant, heating systems, high temp. applications.
	SP	Expanded natural graphite, tanged stainless steel sheet insert (AISI 316; 0.1 mm).		200 / 2900	Material designed for high operating and surface pressures. It has excellent chemical and thermal resistance with blowout safety.	General purpose, steam supply, gas supply, chemical industry, heating systems, high temp. applications.
	EM	Expanded natural graphite, expanded stainless steel sheet insert (AISI 316L; 0.15 mm).		200 / 2900	Material with excellent media resistance and blowout safety, even in applications with cycling loads, makes this material superior.	Steam supply, gas supply, chemical industry, petrochemical industry, heating systems, high temp. applications.
	IQ	Expanded natural graphite (>99% graphite purity) laminated by a special process to an expanded chromium-nickel-steel insert (AISI 316L; 0.15 mm)		200 / 2900	GRAFILIT® IQ is an engineered graphite-based composite material endowed with mechanical reinforcement and anti-stick property making it suitable for high temperature applications. This heavy-duty material has improved surface load resistance (in particular for cycling operations) and blowout resistance.	Automotive and engine building industry, chemical industry, compressors and pumps, gas supply, general purpose, heating systems, paper and cellulose industries, petrochemical industry, power plant, refrigeration and cooling, shipbuilding, steam supply, valves.
Aramid / Graphite sealing materials						
DONIFLEX®	G-LD	Aramid fibres, natural graphite, inorganic fillers, NBR binder.	350 / 662	100 / 1450	Material has very good chemical and thermal resistance. Material's high compressibility enables very good adaptability to uneven flange surfaces.	General purpose, chemical industry, petrochemical industry, paper and cellulose industries, automotive and engine building industry, high temp. applications.
	G-MD	Aramid fibres, natural graphite, inorganic fillers, NBR binder.	350 / 662	100 / 1450	Material has good chemical, thermal, and mechanical properties. It has very good resistance to steam.	Petrochemical industry, paper and cellulose industries, automotive and engine building industry, shipbuilding, heating systems, high temp. applications.
	G-EM	Aramid fibres, natural graphite, inorganic fillers, NBR binder, expanded galvanized steel sheet insert (0.4 mm).	400 / 752	190 / 2755	This material is distinguished by enhanced thermomechanical resistance in particular to surface pressure and blowouts in combination with enhanced sealing characteristics.	Steam supply, petrochemical industry, automotive and engine building industry, power plant, heating systems, high temp. applications.
	C	Reinforced cellulose fibers, inorganic filler bonded with nitrile butadiene rubber binder.	200 / 392	90 / 1305	Doniflex® C is a high density cellulose fiber material, manufactured by the beater addition process under ecological, solvent-free conditions.	General purpose, water supply, paper and cellulose industry, automotive and engine building industry, shipbuilding
Elastomeric sealing materials						
DONIGUM	NBR, SBR, NR, CR, BR, EPDM	depends on product type	depends on product type	various applications for low bolting loads - depends on product type		
PTFE sealing materials						
DONIFLON®	900E	PTFE	260 / 500	100 / 1450	Expanded PTFE material suitable for nearly all media. Not suitable for molten alkali metals and fluorine compounds. Its excellent compressibility enables very good adaptability to pressure sensitive connections like ceramic-, plastic-, glass-lined piping.	Steam supply, chemical industry, petrochemical industry, pharmaceutical industry, food industry, heating systems.
	2010	PTFE, hollow glass microbeads.		60 / 870	Material suitable for nearly all media. Not suitable for molten alkali metals and fluorine compounds. Its high compressibility enables very good adaptability to pressure sensitive connections like ceramic, plastic or glass flanges.	Gas supply, chemical industry, petrochemical industry, pharmaceutical industry, food industry, refrigeration and cooling.
	2020	PTFE, silica.		80 / 1160	Material suitable for nearly all media especially recommended for concentrated inorganic acids. Not suitable for molten alkali metals and fluorine compounds.	General purpose, potable water supply, chemical industry, petrochemical industry, pharmaceutical industry, food industry.
	2030	PTFE, barium sulfate.			Material suitable for nearly all media especially recommended for strong alkalis. Not suitable for molten alkali metals and fluorine compounds.	Potable water supply, steam supply, gas supply, chemical industry, petrochemical industry, pharmaceutical industry.

Temperature and pressure represent maximum values and should not be used simultaneously. They are given only as guidance, since they depend not only on the type of gasket material but also on the assembly conditions. Very important factors are thickness of material, nature of service medium, type of flange and surface pressure. Steam application requires special considerations.

Request for detail product Catalogues

To obtain more information about our products, please do not hesitate to contact us. Any requested product Data Sheets or Catalogues will be sent to you immediately. Our highly skilled group of experts in the technical service department can assist you in solving practically any sealing problem. If you need our help, please contact us.

SIZE AND CONSTRUCTION - CUSTOM MADE GASKETS

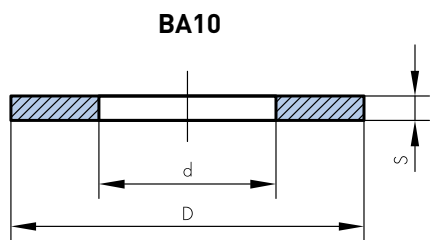
The non-metallic gaskets are produced in several sizes and shapes to meet the most demanding applications. They are available in standard and non-standard gasket design. In terms of non-standard gaskets we can provide any shape and size according to customer design or sample.

DIMENSIONS

The dimensions of our standard gaskets meet the requirements of the EN 1514-1, ANSI B16.21 or other internationally recognised standards. Gaskets of up to 1500 mm x 1500 mm are made from one piece, while larger ones are assembled from segments. Two kinds of splicing are used: dove-tail and bevelled (there is practically no limitation regarding gasket dimension). In accord with gasket shapes and sizes all other dimensions can be manufactured upon request.

CUTTING CAPABILITIES

With our cutting technology, experience and knowledge we are able to cut almost any material. A wide range of cutting equipment provides competitive pricing and high quality regardless of gasket size or quantity. A large range of presses and special cutting tools together with a CAM-CAD Water Jet and a skilled team are available for the swift production of small quantities. Custom-cut gaskets can be made according to the customers own drawings and specifications, samples and templates. In-house manufactured cutting tools are an integral part of the production unit. There is an extensive catalogue of cutters available.



Water Jet Cutting

CAM-CAD Water Jet cutter is an excellent system for manufacturing a variety of two-dimensional items both large and small in simple or complex shapes from a wide range of materials. Steel, rubber, aluminium are just a few of the materials that can be cut to the desired shape - drawn, programmed and stored on a CAD-system. The process will leave a smooth finish on steel with no heat affected zones and exceptional two-dimension accuracy.

TOLERANCES

(mm)	up to 600	over 600
d	±0.4	+0 -3.2
D	±0.4	+0 -3.2

STANDARDS FOR NON-METALLIC FLAT GASKETS	
Gasket Standard	Flange Standard
EN 1514-1, ASME B16.21	EN 1092-1,-2,-3,-4, ASME B16.5, ASME B16.47

EN 1514-1:1997 & DIN 2690 BA10 IBC gaskets for EN 1092-1 flanges

DN (mm)	d (mm)		D (mm)											
			PN 1 & 2.5		PN 6		PN 10		PN 16		PN 25		PN 40	
	DIN 2690	EN 1514	DIN 2690	EN 1514	DIN 2690	EN 1514	DIN 2690	EN 1514	DIN 2690	EN 1514	DIN 2690	EN 1514	DIN 2690	EN 1514
4	6	-	-	-	-	-	-	-	-	-	30	-	-	-
6	10	-	28	-	28	-	38	-	38	-	38	-	38	-
8	14	-	33	-	33	-	43	-	43	-	43	-	43	-
10	18	18	38	39	38	39	45	46	45	46	45	46	45	46
15	22	22	43	44	43	44	50	51	50	51	50	51	50	51
20	28	27	53	54	53	54	60	61	60	61	60	61	60	61
25	35	34	63	64	63	64	70	71	70	71	70	71	70	71
32	43	43	75	76	75	76	82	82	82	82	82	82	82	82
40	49	49	85	86	85	86	92	92	92	92	92	92	92	92
50	61	61	95	96	95	96	107	107	107	107	107	107	107	107
60	-	72	-	106	-	106	-	117	-	117	-	117	-	117
65	77	77	115	116	115	116	127	127	127	127	127	127	127	127
80	90	89	132	132	132	132	142	142	142	142	142	142	142	142
100	115	115	152	152	152	152	162	162	162	162	168	168	168	168
125	141	141	182	182	182	182	192	192	192	192	195	194	195	194
150	169	169	207	207	207	207	218	218	218	218	225	224	225	224
(175)	195	-	237	-	237	-	248	-	248	-	255	-	267	-
200	220	220	262	262	262	262	273	273	273	273	285	284	292	290
250	274	273	318	317	318	317	328	328	330	329	342	340	353	352
300	325	324	373	373	373	373	378	378	385	384	402	400	418	417
350	368	356	423	423	423	423	438	438	445	444	458	457	475	474
400	420	407	473	473	473	473	490	489	497	495	515	514	547	546
450	470	458	528	528	528	528	540	539	557	555	565	564	572	571
500	520	508	578	578	578	578	595	594	618	617	625	624	628	628
600	620	610	680	679	680	679	695	695	735	734	730	731	745	747
700	720	712	785	784	785	784	810	810	805	804	830	833	850	-
800	820	813	890	890	890	890	915	917	910	911	940	942	970	-
900	920	915	990	990	990	990	1015	1017	1010	1011	1040	1042	1080	-
1000	1020	1016	1090	1090	1090	1090	1120	1124	1125	1128	1150	1154	1190	-
1100	-	1120	-	-	-	-	-	1231	-	1228	-	1254	-	-
1200	1220	1220	1290	1290	1305	1307	1340	1341	1340	1342	1360	1364	1395	-
1400	1420	1420	1490	1490	1520	1524	1545	1548	1540	1542	1575	1578	1615	-
1500	-	1520	-	-	-	-	-	1658	-	1654	-	1688	-	-
1600	1620	1620	1700	1700	1720	1724	1770	1772	1760	1764	1795	1798	1830	-
1800	1820	1820	1900	1900	1930	1931	1970	1972	1960	1964	2000	2000	-	-
2000	2020	2020	2100	2100	2135	2138	2180	2182	2165	2168	2230	2230	-	-
2200	2220	2220	2305	2307	2345	2348	2380	2384	2375	-	-	-	-	-
2400	2420	2420	2505	2507	2555	2558	2590	2594	2585	-	-	-	-	-
2600	2620	2620	2705	2707	2760	2762	2790	2794	2785	-	-	-	-	-
2800	2820	2820	2920	2924	2970	2972	3010	3014	-	-	-	-	-	-
3000	3020	3020	3120	3124	3170	3172	3225	3228	-	-	-	-	-	-
3200	3220	3220	3320	3324	3380	3382	-	-	-	-	-	-	-	-
3400	3420	3420	3520	3524	3590	3592	-	-	-	-	-	-	-	-
3600	3620	3620	3730	3734	3800	3804	-	-	-	-	-	-	-	-
3800	3820	3820	3930	3931	-	-	-	-	-	-	-	-	-	-
4000	4020	4020	4130	4131	-	-	-	-	-	-	-	-	-	-

DN (mm)	PN 63	
	d (mm)	D (mm)
4	-	-
6	-	-
8	-	-
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	73	138
80	86	148
100	110	174
125	135	210
150	163	247
(175)	185	277
200	210	309
250	264	364
300	314	424
350	360	486
400	415	543

ASME B16.21:2011 IBC gaskets for ASME B16.5 pipe flanges and flanged fittings

NPS (in)	d (mm)	D (mm)				
		Class 150	Class 300	Class 400	Class 600	Class 900
1/2	21	48	54	54	54	64
3/4	27	57	67	67	67	70
1	33	67	73	73	73	79
1 1/4	42	76	83	83	83	89
1 1/2	48	86	95	95	95	98
2	60	105	111	111	111	143
2 1/2	73	124	130	130	130	165
3	89	137	149	149	149	168
3 1/2	102	162	165	162	162	...
4	114	175	181	178	194	206
5	141	197	216	213	241	248
6	168	222	251	248	267	289
8	219	279	308	305	321	359
10	273	340	362	359	400	435
12	324	410	422	419	457	498
14	356	451	486	483	492	521
16	406	514	540	537	565	575
18	457	549	597	594	613	638
20	508	606	654	648	683	699
24	610	718	775	768	791	838

ASME B16.21:2011 IBC gaskets for ASME B16.47 series A large diameter steel flanges

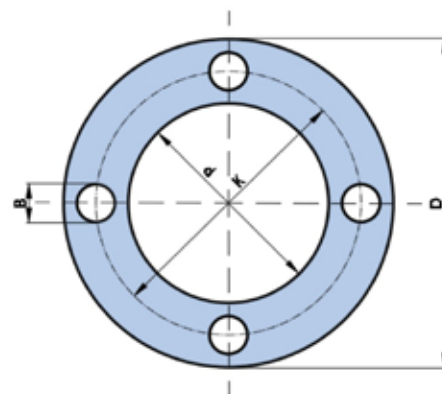
NPS (in)	d (mm)	D (mm)			
		Class 150	Class 300	Class 400	Class 600
26	660	775	835	832	867
28	711	832	899	892	914
30	762	883	953	946	972
32	813	940	1006	1003	1022
34	864	991	1057	1054	1073
36	914	1048	1118	1118	1130
38	965	1111	1054	1073	1105
40	1016	1162	1114	1127	1156
42	1067	1219	1165	1178	1219
44	1118	1276	1219	1232	1270
46	1168	1327	1273	1289	1327
48	1219	1384	1324	1346	1391
50	1270	1435	1378	1403	1448
52	1321	1492	1429	1454	1499
54	1372	1549	1492	1518	1556
56	1422	1607	1543	1568	1613
58	1473	1664	1594	1619	1664
60	1524	1715	1645	1683	1721

ASME B16.21:2011 IBC gaskets for ASME B16.47 series B large diameter steel flanges

NPS (in)	d (mm)	D (mm)				
		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	1048	1022	1048
38	965	1024	1045	1099	...	...
40	1016	1075	1095	1149	...	...
42	1067	1126	1146	1200	...	...
44	1118	1181	1197	1251	...	...
46	1168	1232	1256	1318	...	...
48	1219	1283	1307	1368	...	...
50	1270	1334	1357	1419	...	...
52	1321	1387	1408	1470	...	...
54	1372	1438	1464	1530	...	...
56	1422	1495	1514	1594	...	...
58	1473	1546	1580	1656	...	...
60	1524	1597	1630	1705	...	...

ASME B16.21:2011 BA10 FF gaskets for ASME B16.5 pipe flanges and flanged fittings

NPS (in)	Class 150				
	d (mm)	D (mm)	n	B (in)	K (mm)
1/2	21	89	4	5/8	60.3
3/4	27	98	4	5/8	69.9
1	33	108	4	5/8	79.4
1 1/4	42	117	4	5/8	88.9
1 1/2	48	127	4	5/8	98.4
2	60	152	4	3/4	120.7
2 1/2	73	178	4	3/4	139.7
3	89	191	4	3/4	152.4
3 1/2	102	216	8	3/4	177.8
4	114	229	8	3/4	190.5
5	141	254	8	7/8	215.9
6	168	279	8	7/8	241.3
8	219	343	8	7/8	298.5
10	273	406	12	1	362.0
12	324	483	12	1	431.8
14	356	533	12	1 1/8	476.3
16	406	597	16	1 1/8	539.8
18	457	635	16	1 1/4	577.9
20	508	699	20	1 1/4	635.0
24	610	813	20	1 1/8	749.3



EN 1514-1:1997 BA10 FF gaskets for EN 1092-1 flanges

DN (mm)	PN 2.5				
	d (mm)	D (mm)	n	B (mm)	K (mm)
10	18	75	4	11	50
15	22	80	4	11	55
20	27	90	4	11	65
25	34	100	4	11	75
32	43	120	4	14	90
40	49	130	4	14	100
50	61	140	4	14	110
65	77	160	4	14	130
80	89	190	4	18	150
100	115	210	4	18	170
125	141	240	8	18	200
150	169	265	8	18	225
200	220	320	8	18	280
250	273	375	12	18	335
300	324	440	12	22	395
350	356	490	12	22	445
400	407	540	16	22	495
450	458	595	16	22	550
500	508	645	20	22	600
600	610	755	20	26	705

DN (mm)	PN 6				
	d (mm)	D (mm)	n	B (mm)	K (mm)
10	18	75	4	11	50
15	22	80	4	11	55
20	27	90	4	11	65
25	34	100	4	11	75
32	43	120	4	14	90
40	49	130	4	14	100
50	61	140	4	14	110
65	77	160	4	14	130
80	89	190	4	18	150
100	115	210	4	18	170
125	141	240	8	18	200
150	169	265	8	18	225
200	220	320	8	18	280
250	273	375	12	18	335
300	324	440	12	22	395
350	356	490	12	22	445
400	407	540	16	22	495
450	458	595	16	22	550
500	508	645	20	22	600
600	610	755	20	26	705

EN 1514-1:1997 BA10 FF gaskets for EN 1092-1 flanges (continued from previous page)

DN (mm)	PN 10				
	d (mm)	D (mm)	n	B (mm)	K (mm)
10	18	90	4	14	60
15	22	95	4	14	65
20	27	105	4	14	75
25	34	115	4	14	85
32	43	140	4	18	100
40	49	150	4	18	110
50	61	165	4	18	125
65	77	185	8	18	145
80	89	200	8	18	160
100	115	220	8	18	180
125	141	250	8	18	210
150	169	285	8	22	240
200	220	340	8	22	295
250	273	395	12	22	350
300	324	445	12	22	400
350	356	505	16	22	460
400	407	565	16	26	515
450	458	615	20	26	565
500	508	670	20	26	620
600	610	780	20	30	725
700	712	895	24	30	840
800	813	1015	24	33	950
900	915	1115	28	33	1050
1000	1016	1230	28	36	1160
1100	1120	1340	32	39	1270
1200	1220	1455	32	39	1380
1400	1420	1675	36	42	1590
1600	1620	1915	40	48	1820
1800	1820	2115	44	48	2020
2000	2020	2325	48	48	2230

DN (mm)	PN 16				
	d (mm)	D (mm)	n	B (mm)	K (mm)
10	18	90	4	14	60
15	22	95	4	14	65
20	27	105	4	14	75
25	34	115	4	14	85
32	43	140	4	18	100
40	49	150	4	18	110
50	61	165	4	18	125
65	77	185	8	18	145
80	89	200	8	18	160
100	115	220	8	18	180
125	141	250	8	18	210
150	169	285	8	22	240
200	220	340	12	22	295
250	273	405	12	26	355
300	324	460	12	26	410
350	356	520	16	26	470
400	407	580	16	30	525
450	458	640	20	30	585
500	508	715	20	33	650
600	610	840	20	36	770
700	712	910	24	36	840
800	813	1025	24	39	950
900	915	1125	28	39	1050
1000	1016	1255	28	42	1170
1100	1120	1355	32	42	1270
1200	1220	1485	32	48	1390
1400	1420	1685	36	48	1590
1600	1620	1930	40	56	1820
1800	1820	2130	44	56	2020
2000	2020	2345	48	62	2230

DN (mm)	PN 25				
	d (mm)	D (mm)	n	B (mm)	K (mm)
10	18	90	4	14	60
15	22	95	4	14	65
20	27	105	4	14	75
25	34	115	4	14	85
32	43	140	4	18	100
40	49	150	4	18	110
50	61	165	4	18	125
65	77	185	8	18	145
80	89	200	8	18	160
100	115	235	8	22	190
125	141	270	8	26	220
150	169	300	8	26	250
200	220	360	12	26	310
250	273	425	12	30	370
300	324	485	16	30	430
350	356	555	16	33	490
400	407	620	16	36	550
450	458	670	20	36	600
500	508	730	20	36	660
600	610	845	20	39	770
700	712	960	24	42	875
800	813	1085	24	48	990
900	915	1185	28	48	1090
1000	1016	1320	28	56	1210
1100	1120	1420	32	56	1310
1200	1220	1530	32	56	1420
1400	1420	1755	36	62	1640
1600	1620	1975	40	62	1860
1800	1820	2195	44	70	2070
2000	2020	2425	48	70	2300

DN (mm)	PN 40				
	d (mm)	D (mm)	n	B (mm)	K (mm)
10	18	90	4	14	60
15	22	95	4	14	65
20	27	105	4	14	75
25	34	115	4	14	85
32	43	140	4	18	100
40	49	150	4	18	110
50	61	165	4	18	125
65	77	185	8	18	145
80	89	200	8	18	160
100	115	235	8	22	190
125	141	270	8	26	220
150	169	300	8	26	250
200	220	375	12	30	320
250	273	450	12	33	385
300	324	515	16	33	450
350	356	580	16	36	510
400	407	660	16	39	585
450	458	685	20	39	610
500	508	755	20	42	670
600	610	890	20	48	795

GASKET ORDERING EXAMPLE

EN 1514-1, DN 65 / PN 16, Form IBC,
material: TESNIT BA-U, 2 mm

ASME B 16.21, 4" / 300 lbs, Form IBC,
material: TESNIT BA-M, 2 mm