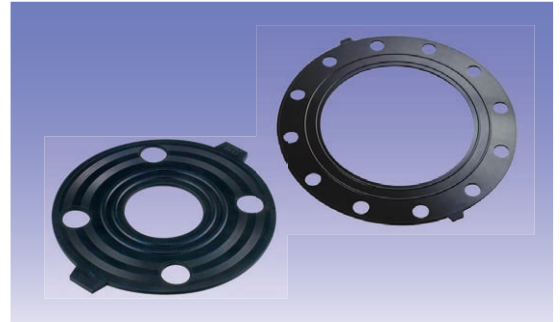


ESLON™ GASKET



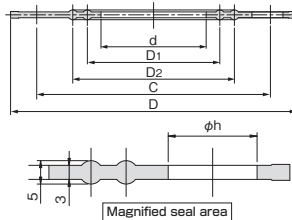
Application Precautions

- ESLON GASKET packing is intended for use with flat face flanges. Do not use to connect non-flat face flanges.
- Tighten the bolts evenly on both sides to avoid overtightening a single side.
Refer to the recommended bolt tightening torque in the dimension table.
- Provide adequate support and be careful not to forcefully bend the flange. Gasket may leak if subjected to significant warping.

ESLON GASKET SPECIFICATIONS

EPDM GASKET

For Flat Face Flange



- Durometer hardness Type A: 70±5 degrees
- Leach testing: Passed Food Sanitation Law elution tests (Ministry of Health, Labor, and Welfare Notification #85)
Passed JIS K 6353 leach tests for water supply rubbers

- Highly resistant to chemicals and chlorinated water. Safely use without any risk from tap water chlorine.

*Use ESLON IIR-X GASKET (specially-made butyl material) for high concentrations of sodium hypochlorite.

- Highly resistant to heat. Maximum working temperature of 100°C allows for use with hot water. (Usage temperature of water supply type is 60°C)

- Highly resistant to chemicals, oil, and heat.

- Double ribbed lining creates powerful seal.

JIS 10K

Unit:mm

Size		Inner diameter d	Rib area		C	Outer diameter D	Bolt hole diameter n-φh	Reference weight (g/piece)	Recommended bolts Tightening torque N·m	Item No.
A	B		D1	D2						
13	3/8	17	25	38	65	88	4-15	20	15	PE13C
15(16)	1/2	20	28	42	70	93	4-15	23	15	PE15C
20	3/4	25	33	47	75	98	4-15	29	15	PE20C
25	1	30	38	53	90	123	4-19	40	30	PE25C
32(30)	1 1/4	38	48	63	100	133	4-19	46	30	PE30C
40	1 1/2	46	54	69	105	138	4-19	50	30	PE40C
50	2	58	68	83	120	153	4-19	55	30	PE50C
65	2 1/2	73	86	101	140	173	4-19	75	45	PE65C
80(75)	3	84	98	113	150	183	8-19	77	45	PE80C
100	4	106	120	138	175	208	8-19	95	45	PE1HC
125	5	131	145	168	210	248	8-23	115	55	PE1QC
150	6	155	170	196	240	278	8-23	145	55	PE1FC
200	8	204	218	248	290	328	12-23	185	55	PE2HC
250	10	254	270	306	355	398	12-25	250	65	PE2FC
300	12	304	324	356	400	443	16-25	278	65	PE3HC
350	14	352	368	400	445	488	16-25	290	65	PE3FC

JIS 5K

Unit:mm

Size		Inner diameter d	Rib area		C	Outer diameter D	Bolt hole diameter n-φh	Reference weight (g/piece)	Recommended bolts Tightening torque N·m	Item No.
A	B		D1	D2						
13	3/8	17	24	36	55	73	4-12	17	15	PE135C
15(16)	1/2	20	28	40	60	78	4-12	19	15	PE155C
20	3/4	25	33	45	65	83	4-12	21	15	PE205C
25	1	30	38	52	75	93	4-12	25	30	PE255C
32(30)	1 1/4	38	46	61	90	113	4-15	34	30	PE305C
40	1 1/2	46	54	68	95	118	4-15	37	30	PE405C
50	2	58	66	80	105	128	4-15	41	30	PE505C
65	2 1/2	73	82	100	130	153	4-15	56	45	PE655C
80(75)	3	84	94	113	145	178	4-19	69	45	PE805C
100	4	106	116	135	165	198	8-19	78	45	PE1H5C
125	5	131	142	164	200	233	8-19	103	55	PE1Q5C
150	6	155	168	190	230	263	8-19	124	55	PE1F5C
200	8	204	220	243	280	318	8-23	167	55	PE2H5C
250	10	254	270	300	345	383	12-23	220	65	PE2F5C

ANSI

Unit:mm

Size		Inner diameter d	Rib area		C	Outer diameter D	Bolt hole diameter n-φh	Reference weight (g/piece)	Recommended bolts Tightening torque N·m	Item No.
A	B		D1	D2						
15(16)	1/2	18	25	38	60.5	86	4-16	17	14	PE15CU
20	3/4	23	33	48	70.1	97	4-16	21	14	PE20CU
25	1	30	38	53	79.5	107	4-16	25	20	PE25CU
32(30)	1 1/4	38	51	66	88.9	114	4-16	29	20	PE30CU
40	1 1/2	43	53	69	98.6	124	4-16	34	20	PE40CU
50	2	53	69	84	120.7	150	4-19	49	34	PE50CU
65	2 1/2	69	86	102	139.7	175	4-19	66	34	PE65CU
80(75)	3	81	99	112	152.4	188	4-19	74	41	PE80CU
100	4	102	119	137	190.5	226	8-19	101	41	PE1HCU
125	5	127	145	165	215.9	251	8-22	117	55	PE1QCU
150	6	149	168	191	241.3	277	8-22	134	68	PE1FCU
200	8	198	216	246	298.5	340	8-22	192	68	PE2HCU
250	10	249	269	307	362	404	12-25	246	89	PE2FCU
300	12	300	325	353	431.8	480	12-25	356	102	PE3HCU

Water Supply Type

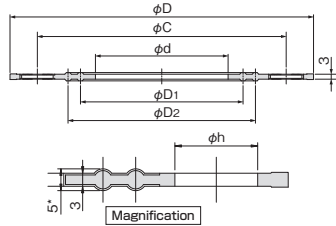
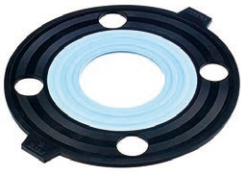
Unit:mm

Size		Inner diameter d	Rib area		C	Outer diameter D	Bolt hole diameter n-φh	Reference weight (g/piece)	Recommended bolts Tightening torque N·m	Item No.
A	B		D1	D2						
50	2	58	68	83	120	153	4-19	55	30	PS50C
75	3	84	98	115	168	211	4-19	100	45	PS75C
100	4	106	120	140	195	238	4-19	120	45	PS1HC
125	5	131	145	168	220	263	6-19	130	55	PS1QC
150	6	155	175	195	247	290	6-19	150	55	PS1FC
200	8	205	226	248	299	342	8-19	200	65	PS2HC
250	10	254	276	300	360	410	8-23	250	65	PS2FC
300	12	305	328	350	414	464	10-23	290	65	PS3HC

Note: Products manufactured in a plant certified by the Japan Water Works Association.

PTFE GASKET

For Flat Face Flange



*6mm for ANSI250, 300A

- PTFE is applied to the EPDM base, resulting in a highly durable, corrosion resistant gasket.
- Double ribbed lining creates powerful seal.

JIS 10K

Unit:mm

Size		Inner diameter d	Rib area		C	Outer diameter D	Bolt hole diameter n-φ h	Reference weight (g/piece)	Recommended bolts Tightening torque N·m	Item No.
A	B		D1	D2						
13	3/8	14	23	37	65	88	4-15	23	16	PP13
15(16)	1/2	18	26	41	70	93	4-15	25	16	PP15
20	3/4	22	32	47	75	98	4-15	32	16	PP20
25	1	30	38	53	90	123	4-19	46	34	PP25
32(30)	1 1/4	37	50	65	100	133	4-19	51	34	PP30
40	1 1/2	43	54	69	105	138	4-19	57	34	PP40
50	2	54	68	83	120	153	4-19	63	34	PP50
65	2 1/2	69	86	101	140	173	4-19	84	51	PP65
80(75)	3	80	98	113	150	183	8-19	88	51	PP80
100	4	102	120	138	175	208	8-19	105	51	PP1H
125	5	127	145	168	210	248	8-23	130	62	PP1Q
150	6	150	168	190	240	278	8-23	160	62	PP1F
200	8	198	216	248	290	328	12-23	200	62	PP2H
250	10	249	270	306	355	398	12-25	290	73	PP2F
300	12	300	324	356	400	443	16-25	340	73	PP3H

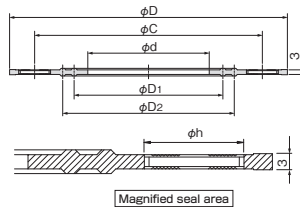
ANSI

Unit:mm

Size		Inner diameter d	Rib area		C	Outer diameter D	Bolt hole diameter n-φ h	Reference weight (g/piece)	Recommended bolts Tightening torque N·m	Item No.
A	B		D1	D2						
15(16)	1/2	18	30	-	60.3	85	4-16	22	16	PP15U
20	3/4	22	32	44	69.9	95	4-16	29	16	PP20U
25	1	29	38	50	79.4	103	4-16	34	35	PP25U
32(30)	1 1/4	39	47	59	88.9	111	4-16	39	35	PP30U
40	1 1/2	44	53	68	98.4	121	4-16	44	35	PP40U
50	2	55	65	83	120.7	146	4-19	65	35	PP50U
65	2 1/2	70	81	101	139.7	173	4-19	84	52	PP65U
80(75)	3	81	94	112	152.4	186	4-19	98	52	PP80U
100	4	103	124	148	190.5	223	8-19	137	52	PP1HU
125	5	128	150	174	215.9	249	8-22	153	63	PP1QU
150	6	152	172	196	241.3	274	8-22	182	63	PP1FU
200	8	200	222	246	298.5	337	8-22	258	68	PP2HU
250	10	251	276	300	362	401	12-25	348	102	PP2FU
300	12	302	335	365	431.8	477	12-25	484	136	PP3HU

IIR-X GASKET (For Sodium Hypochlorite)

For Flat Face Flange



- Highly durable butyl rubber specially developed for sodium hydrochlorites.
- Double ribbed lining creates powerful seal.
- Creates powerful seal even when loosely tightened.

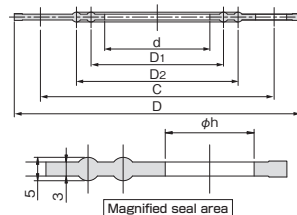
JIS 10K

Unit:mm

Size		Inner diameter d	Rib area		C	Outer diameter D	Bolt hole diameter n-φ h	Reference weight (g/piece)	Recommended bolts Tightening torque N·m	Item No.
A	B		D1	D2						
13	3/8	14	23	37	65	88	4-15	20	15	PI13
15(16)	1/2	18	26	41	70	93	4-15	23	15	PI15
20	3/4	22	32	47	75	98	4-15	29	15	PI20
25	1	28	38	53	90	123	4-19	40	30	PI25
32(30)	1 1/4	37	50	65	100	133	4-19	46	30	PI30
40	1 1/2	43	54	69	105	138	4-19	50	30	PI40
50	2	54	68	83	120	153	4-19	55	30	PI50
65	2 1/2	69	86	101	140	173	4-19	75	45	PI65
80(75)	3	80	98	113	150	183	8-19	77	45	PI80
100	4	102	120	138	175	208	8-19	95	45	PI1H
125	5	127	145	168	210	248	8-23	115	55	PI1Q
150	6	150	168	190	240	278	8-23	145	55	PI1F
200	8	198	216	248	290	328	12-23	185	55	PI2H
250	10	250	270	306	355	398	12-23	250	65	PI2F

FKM GASKET

For Flat Face Flange



- Durometer hardness Type A: 70±5 degrees
- Leach testing: Passed Food Sanitation Law elution tests (Ministry of Health, Labor, and Welfare Notification #85)
- Passed JIS K 6353 leach tests for water supply rubbers

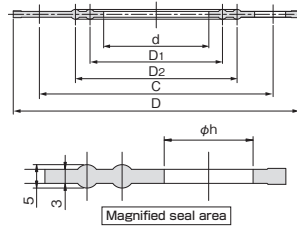
- Highly resistant to chemicals, oil, and heat.
- Double ribbed lining creates powerful seal.
- Creates powerful seal even when loosely tightened.

JIS 10K

Unit:mm

Size		Inner diameter d	Rib area		C	Outer diameter D	Bolt hole diameter n-φ h	Reference weight (g/piece)	Recommended bolts Tightening torque N·m	Item No.
A	B		D1	D2						
15(16)	1/2	20	28	42	70	93	4-15	40	15	PF15
20	3/4	25	33	47	75	98	4-15	44	15	PF20
25	1	30	38	53	90	123	4-19	68	30	PF25
32(30)	1 1/4	38	48	63	100	133	4-19	79	30	PF30
40	1 1/2	46	54	69	105	138	4-19	83	30	PF40
50	2	58	68	83	120	153	4-19	98	30	PF50
65	2 1/2	73	86	101	140	173	4-19	122	45	PF65
80(75)	3	84	98	113	150	183	8-19	127	45	PF80
100	4	106	120	138	175	208	8-19	157	45	PF1H
125	5	131	145	168	210	248	8-23	210	55	PF1Q
150	6	155	170	196	240	278	8-23	250	55	PF1F
200	8	204	218	248	290	328	12-23	280	55	PF2H
250	10	254	270	306	355	398	12-25	420	65	PF2F
300	12	304	324	356	400	443	16-25	440	65	PF3H

FKM-FB GASKET (Acid Resistant FKM Gasket) For Flat Face Flange



● Durometer hardness Type A: 70±5 degrees

- Highly resistant to strong acids, such as hydrochloric and sulfuric acid.
- Highly resistant to chemicals, oil, and heat.
- Double ribbed lining creates powerful seal.
- Creates powerful seal even when loosely tightened.

JIS 10K

Unit:mm

Size		Inner diameter	Rib area		C	Outer diameter	Bolt hole diameter	Reference weight	Recommended bolts	Item No.
A	B	d	D1	D2		D	n-ϕ h	(g/piece)	Tightening torque N·m	
15 (16)	1/2	20	28	42	70	93	4-15	41	15	PFB15
20	3/4	25	33	47	75	98	4-15	45	15	PFB20
25	1	30	38	53	90	123	4-19	69	30	PFB25
32 (30)	1 1/4	38	48	63	100	133	4-19	77	30	PFB30
40	1 1/2	46	54	69	105	138	4-19	83	30	PFB40
50	2	58	68	83	120	153	4-19	98	30	PFB50
65	2 1/2	73	86	101	140	173	4-19	121	45	PFB65
80 (75)	3	84	98	113	150	183	8-19	123	45	PFB80
100	4	106	120	138	175	208	8-19	154	45	PFB1H
125	5	131	145	168	210	248	8-23	206	55	PFB1Q
150	6	155	170	196	240	278	8-23	250	55	PFB1F
200	8	204	218	248	290	328	12-23	310	55	PFB2H
250	10	254	270	306	355	398	12-25	440	65	PFB2F
300	12	304	324	356	400	443	16-25	480	65	PFB3H