

■ Swivel flange coupling

Galvanized steel

Stainless steel AISI 316 / 1.4401

Polypropylene available on request

■ Flange gasket

- novatec® PREMIUM II, RF for flanges complying with EN / DIN / ANSI
- GORE™ Universal Pipe Seal (UPG) Style 800, RF for flanges complying with EN / DIN / ANSI

Raised-face flange gaskets are used in applications where the gasket is seated directly on the contact face of the flange, between the flange holes.

- GORE™ Universal Pipe Seal (UPG) Style 800 is 100% expanded PTFE. Their multidirectional fibre structure and unique (envelope) profile enables GORE™ UPG Style 800 gaskets to be used in a wide range of chemical industry applications.

Features:

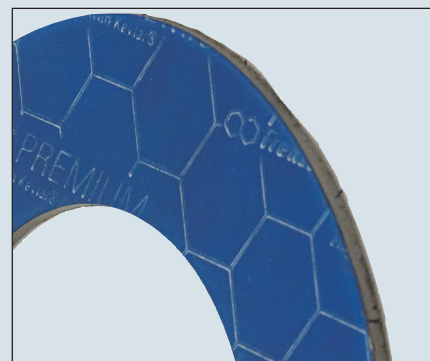
- chemically inert and temperature resistant
- seals at low bolt loadings
- high dimensional stability
- high resistance to creep and cold flow
- seals all types of standard piping
- resistant to all media in the 0-14 pH range, with the exception of alkalis and fluorine, particularly at high temperatures and pressures
- temperature range: -210°C / -346°F up to 260 °C / 500°F
- dimensions comply with EN-DIN and ANSI



- novatec® PREMIUM II is a flange seal for general and chemical industry applications. The combination of graphite, paramide fibres (KEVLAR®) and low binder content, allows the flange gasket to be resistant to 80% of all common chemical industry media.

Features:

- good stress relief
- resistant to high temperatures
- good ductility
- non-stick coating
- excellent torque retention
- temperature : 320°C / 608°F
- resistant to a wide range of chemicals and steam applications
- dimensions comply with EN-DIN and ANSI



novatec® PREMIUM II is a registered trademark of Frenzelit

KEVLAR® is a registered trademark of Dupont Dow Elastomers

GORE™ Universal Pipe Seal Style 800 is a registered trademark of W.L. Gore & Associates, Inc.

ASSEMBLY

RK and RKP safety clamps in compliance with EN 14420-3 / DIN 2817

FLEXOLINE® safety clamps

HRRK swage ferrules

HRP swage ferrules

Worm drive, band or bolted clamps

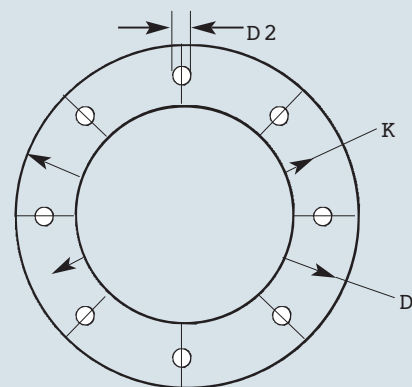
FLANGE DIMENSIONS

EN-DIN PN 6

"	ND	D	K	N	D2
1/2"	15	80	55	4	11
3/4"	20	90	65	4	11
1"	25	100	75	4	11
1.1/4"	32	120	90	4	14
1.1/2"	40	130	100	4	14
2"	50	140	110	4	14
2.1/2"	65	160	130	4	14
3"	80	190	150	4	18
4"	100	210	170	4	18
5"	125	240	200	8	18
6"	150	265	225	8	18
8"	200	320	280	8	18
10"	250	375	335	12	18
12"	300	440	395	12	22

EN-DIN PN 10

ND	D	K	N	D2
15	95	65	4	14
20	105	75	4	14
25	115	85	4	14
32	140	100	4	18
40	150	110	4	18
50	165	125	4	18
65	185	145	4/8	18
80	200	160	8	18
100	220	180	8	18
125	250	210	8	18
150	285	240	8	22
200	340	295	8	22
250	395	350	12	22
300	445	400	12	22



N= number of bolts

EN-DIN PN 16

"	ND	D	K	N	D2
1/2"	15	95	65	4	14
3/4"	20	105	75	4	14
1"	25	115	85	4	14
1.1/4"	32	140	100	4	18
1.1/2"	40	150	110	4	18
2"	50	165	125	4	18
2.1/2"	65	185	145	4	18
3"	80	200	160	8	18
4"	100	220	180	8	18
5"	125	250	210	8	18
6"	150	285	240	8	22
8"	200	340	295	12	22
10"	250	405	355	12	26
12"	300	460	410	12	26

EN-DIN PN 25

ND	D	K	N	D2
15	95	65	4	14
20	105	75	4	14
25	115	85	4	14
32	140	100	4	18
40	150	110	4	18
50	165	125	4	18
65	185	145	8	18
80	200	160	8	18
100	235	190	8	22
125	270	220	8	26
150	300	250	8	26
200	360	310	12	26
250	425	370	12	30
300	485	430	16	30

EN-DIN PN 40

ND	D	K	N	D2
15	95	65	4	14
20	105	75	4	14
25	115	85	4	14
32	140	100	4	18
40	150	110	4	18
50	165	125	4	18
65	185	145	8	18
80	200	160	8	18
100	235	190	8	22
125	270	220	8	26
150	300	250	8	26
200	375	320	12	30
250	450	385	12	33
300	515	450	16	33

ASTM 150 lbs

"	D	K	N	D2
1/2"	88.9	60.3	4	15.9
3/4"	98.4	69.8	4	15.9
1"	107.9	79.4	4	15.9
1.1/4"	117.5	88.9	4	15.9
1.1/2"	127.0	98.4	4	15.9
2"	152.4	120.6	4	19.0
2.1/2"	177.8	139.7	4	19.0
3"	190.5	152.4	4	19.0
4"	228.6	190.5	8	19.0
5"	254.0	215.9	8	22.2
6"	279.4	241.3	8	22.2
8"	342.9	298.4	8	22.2
10"	406.4	361.9	12	25.4
12"	482.6	431.8	12	25.4

ASTM 300 lbs

"	D	K	N	D2
1/2"	95.2	66.7	4	15.9
3/4"	117.5	82.5	4	19.1
1"	123.8	88.9	4	19.1
1.1/4"	133.3	98.4	4	19.1
1.1/2"	155.6	114.3	4	22.2
2"	165.1	127.0	8	19.1
2.1/2"	190.5	149.2	8	22.2
3"	209.5	168.3	8	22.2
4"	254.0	200.0	8	22.2
5"	279.4	234.9	8	22.2
6"	317.5	269.9	12	22.2
8"	381.0	330.2	12	25.4
10"	444.5	387.3	16	28.6
12"	520.7	450.8	16	31.7

ASTM 600 lbs

"	D	K	N	D2
1/2"	95.2	66.7	4	15.9
3/4"	117.5	82.5	4	19.1
1"	123.8	88.9	4	19.1
1.1/4"	133.3	98.4	4	19.1
1.1/2"	155.6	114.3	4	22.2
2"	165.1	127.0	8	19.1
2.1/2"	190.5	149.2	8	22.2
3"	209.5	168.3	8	22.2
4"	273.0	184.1	8	25.4
5"	330.2	266.7	8	28.6
6"	355.6	292.1	12	28.6
8"	419.1	349.2	12	31.7
10"	508.0	431.8	16	34.9
12"	558.8	488.9	20	34.9