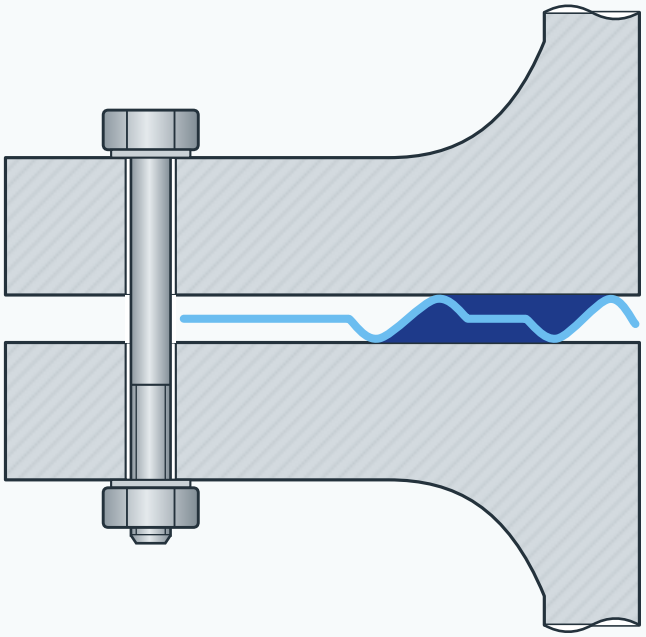
Revoseal Visio Data Sheet

Embossed metal gasket



PRODUCT DESCRIPTION

The Visio consists of a solid stainless steel carrier with embossed metallic inner and outer teeth and graphite or PTFE facing on both sides. It is also available for tongue-and-groove and male-and-female flanges as well as for apparatus flanges with pass-partition bars. Its resilient design makes retightening the flanges unnecessary, even under severe pressure and temperature fluctuations.

HIGHLIGHTS

- Temperature: −270 °C to +500 °C
- Pressure: from vacuum to 160 bar (900 lbs)
- Exceeds the requirements of TA Luft and **VDI 2290** in conjunction with leakage verification to **EN 1591-1** (even with lower-grade bolts)
- Standard material 1.4571 (other materials on request)
- Total thickness 1.6 mm (± 0.1 mm)
- Fire-safe certified to **API 607**, TA Luft (incl. blow-out resistance to **VDI 2200**), FDA compliant (PTFE version)

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Dimension table Visio

for flanges to DIN 2632–2638 series 1 and DIN EN 1092-1

[DN]	d1				d2							d3						
	PN 10–40	PN 64	PN 100	PN 160	PN 10	PN 16	PN 25	PN 40	PN 64	PN 100	PN 160	PN 10	PN 16	PN 25	PN 40	PN 64	PN 100	PN 160
15	22	22	22	22	34.5	34.5	34.5	34.5	34.5	34.5	34.5	51	51	51	51	61	61	61
20	29	–	–	–	42.5	42.5	42.5	42.5	–	–	–	61	61	61	61	–	–	–
25	36	36	36	36	53.5	53.5	53.5	53.5	53.5	53.5	53.5	71	71	71	71	82	82	82
32	45	–	–	–	60.5	60.5	60.5	60.5	–	–	–	82	82	82	82	–	–	–
40	53	53	53	53	72.5	72.5	72.5	72.5	72.5	72.5	72.5	92	92	92	92	103	103	103
50	66	66	66	66	85.5	85.5	85.5	85.5	85.5	85.5	85.5	107	107	107	107	113	119	119
65	81	81	81	81	102.5	102.5	102.5	102.5	102.5	102.5	102.5	127	127	127	127	138	144	144
80	92	92	92	92	113.5	113.5	113.5	113.5	113.5	113.5	113.5	142	142	142	142	148	154	154
100	117	117	117	117	140.5	140.5	140.5	140.5	140.5	140.5	140.5	162	162	168	168	174	180	180
125	142	142	142	142	167.5	167.5	167.5	167.5	167.5	167.5	167.5	192	192	194	194	210	217	217
150	170	170	170	170	197.5	197.5	197.5	197.5	197.5	197.5	197.5	218	218	224	224	247	257	257
200	222	222	222	222	251.5	251.5	251.5	251.5	251.5	251.5	251.5	273	273	284	290	309	324	324
250	278	278	278	278	310	310	318	318	322	332	332	328	329	340	352	364	391	388
300	330	330	330	330	358	358	358	364	368	368	378	378	384	400	417	424	458	458
350	381	381	381	–	409	409	409	409	419	419	–	438	443	457	474	486	512	–
400	432	432	432	–	460	460	460	470	470	470	–	489	495	514	546	543	572	–
450	486	–	–	–	518	518	528	528	–	–	–	539	555	564	571	–	–	–
500	530	530	530	–	568	568	568	578	578	578	–	594	617	624	628	657	704	–
600	630	630	–	–	668	668	668	678	678	–	–	695	734	731	747	764	–	–
700	730	730	–	–	768	768	778	778	778	–	–	810	804	833	852	879	–	–
800	830	830	–	–	878	878	888	888	888	–	–	917	911	942	974	988	–	–
900	930	930	–	–	978	978	988	988	988	–	–	1017	1011	1042	1084	1108	–	–
1000	1040	1040	–	–	1098	1098	1108	1108	1108	–	–	1124	1128	1154	1194	1220	–	–

DN / inch = nominal size · d1 = inside diameter · d2 = outside diameter of the graphite facing · d3 = outside diameter of the gasket · The graphite width required for a gasket calculation is available for download on our website – revoseal.com · Total thickness 1.6 ± 0.1 mm · Also available in other DIN and ANSI dimensions · Design and calculation to revoseal company standard

Dimension table Visio

for flanges to ANSI B 16.5

[inch]	d1		d2					d3				
	150–400 lbs	600–900 lbs	150 lbs	300 lbs	400 lbs	600 lbs	900 lbs	150 lbs	300 lbs	400 lbs	600 lbs	900 lbs
1/2	17	17	29.5	29.5	29.5	29.5	29.5	44.8	50.8	50.8	50.8	60.2
3/4	22	22	34.5	34.5	34.5	34.5	34.5	54.2	63.5	63.5	63.5	66.5
1	30	30	42.5	42.5	42.5	42.5	42.5	63.5	69.8	69.8	69.8	76.2
1 1/4	39	39	54.5	54.5	54.5	54.5	54.5	73.2	79.5	79.5	79.5	85.9
1 1/2	45	45	60.5	60.5	60.5	60.5	60.5	82.9	91.9	91.9	91.9	95.6
2	57	57	78.5	78.5	78.5	78.5	78.5	101.6	107.9	107.9	107.9	139.7
2 1/2	72	72	91.5	91.5	91.5	91.5	91.5	120.6	127.0	127.0	127.0	162.1
3	92	92	113.5	113.5	113.5	113.5	113.5	133.3	145.7	145.7	145.7	165.1
3 1/2	102	102	123.5	123.5	123.5	123.5	–	158.7	161.8	158.8	158.8	–
4	117	117	140.5	140.5	140.5	140.5	140.5	171.4	177.8	174.8	190.5	203.1
5	142	142	167.5	167.5	167.5	167.5	167.5	193.5	212.6	209.6	238.3	244.3
6	170	170	197.5	197.5	197.5	197.5	197.5	218.9	247.3	244.3	263.7	285.7
8	222	222	251.5	251.5	251.5	251.5	251.5	276.1	304.8	301.8	317.5	355.6
10	278	278	300	306	306	312	312	336.6	359	355.6	396.7	431.8
12	326	326	364	364	364	368	368	406.4	419.1	415.8	453.9	495.3
14	370	370	400	400	400	400	400	447.9	482.6	479.3	489	517.7
16	420	420	456	456	456	456	456	511.4	536.4	533.4	562.2	571.5
18	480	480	518	518	520	520	520	546.1	593.6	590.6	609.6	635
20	530	530	568	568	570	570	570	603.2	650.7	644.7	679.4	695.5
24	630	630	668	678	678	678	678	714.2	771.7	765	787.4	835.2

DN / inch = nominal size · d1 = inside diameter · d2 = outside diameter of the graphite facing · d3 = outside diameter of the gasket · The graphite width required for a gasket calculation is available for download on our website – revoseal.com · Total thickness 1.6 ± 0.1 mm · Also available in other DIN and ANSI dimensions · Design and calculation to revoseal company standard

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