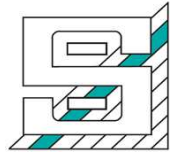


# Gaskets made of Vulkocell®

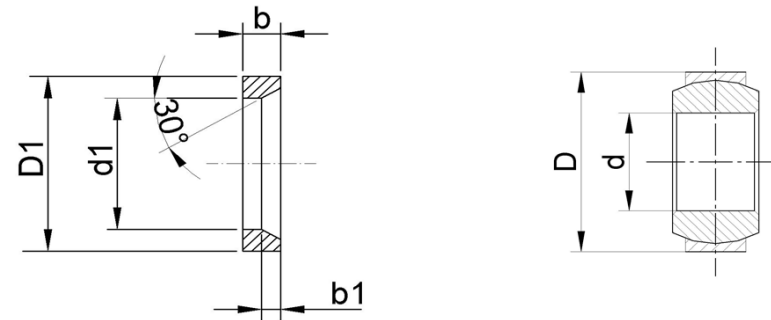
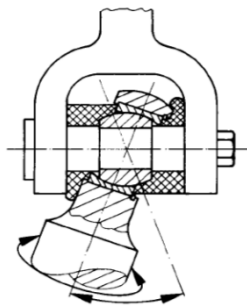


Vulkocell® is a cellular polyurethane elastomer (cellular Vulkollan) which was developed especially for technical applications; it is particularly suitable for damping and sealing elements – above all for gaskets.

Vulkocell® gaskets in square and rectangular cross section are mainly used for the sealing of bearings of various designs where they serve as dirt and dust barriers and as noise and vibration insulators. When Vulkocell® gaskets are oil impregnated they become completely self-lubricating and therefore provide life long maintenance – free service.

## Properties:

- Unlike O-Rings and lip contact gaskets which only provide a single "line" seal, Vulkocell® gaskets have a large surface area contact and very high strength, they therefore remain completely effective even under the roughest conditions, e.g. tractors and construction machinery.
- Vulkocell® gaskets are compressible up to 80 % and therefore allow very large oscillating movements such as those found in universal joints and pivoting bearings.
- Working tolerances – When using Vulkocell® as a seal on the apertures for cables, bearings, shafts, etc. it is possible to enlarge the tolerances considerably since the compressibility of Vulkocell® will always ensure an effective seal.
- The easy deformation of Vulkocell® gaskets enables a rapid and improblematic assembly even in the most difficult cases.
- The low compression set properties of Vulkocell® guarantee a long operational life even under high deformation frequencies and this is further enhanced by its resistance to oils and greases.
- Oil and grease impregnated gaskets enable the automatic lubrication of the bearings and they increase the sealing power against dust etc.



density: 0,45g/cm<sup>3</sup> (other densities on request)

D1	d1	b	b1	name	width	d	D	item No.
10	6,5	3	1,5	4	4	12	280000444	
12	8	3	1,5	5	5	14	280000544	
12	8	3	1,5	6	6	14	280000644	
14	10,5	4	2	8	8	16	280000844	
17	13,5	4	2	10	10	19	280001044	
20	15	4	2	12	12	22	280001244	
24	18,5	4	2	15	15	26	280001544	
28	21	5	2,5	17	17	30	280001744	
33	24,5	5	2,5	20	20	35	280002044	
40	29,5	5	2,5	25	25	42	280002544	
45	34,5	5	2,5	30	30	47	280003044	
53	40	6	3	35	35	55	280003544	
60	45	6,5	3,5	40	40	62	280004044	
65	51	7	3,5	45	45	68	280004544	
72	56	7,5	3,5	50	50	75	280005044	
87	67	9	4	60	60	90	280006044	
101	78	9	4	70	70	105	280007044	
116	89,5	10	5	80	80	120	280008044	
126	98	12	6	90	90	130	280009044	
145	110	16,5	8	100	100	150	280010044	
155	122	16,5	8	110	110	160	280011044	
173	130	15	7,5	120	120	180	280012044	
202	156	16	8	140	140	210	280014044	
222	172	18	9	160	160	230	280016044	
250	200	18	9	180	180	260	280018044	
280	215	25	12	200	200	290	280020044	
310	240	25	12	220	220	320	280022044	
328	266	25	12	240	240	340	280024044	
358	290	25	12	260	260	370	280026044	
390	314	25	12	280	280	400	280028044	
418	337	28	12	300	300	430	280030044	
428	340	27	14,5	320	320	440	280032044	
470	385	28	14	360	360	480	280036044	
552	452	24	12	420	420	560	280042044	

