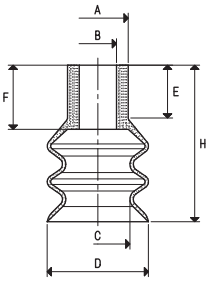
BELLOWS CUPS WITH SUPPORTS FOR GRIPPING FLOW PACKS

Thanks to their specific conformation and flexibility, the vacuum cups illustrated and described on this page are especially suitable for installation on automatic, high production machines in the packaging sector, and for the gripping and handling of flow packs.
The suction cups are available with FDA certification for food-grade use and can be cold-mounted onto their dedicated supports without the use of adhesives.
Upon request, these cups can be provided upon request in minimum quantities and in other special compounds, listed on pg. 31, to be defined in the order.

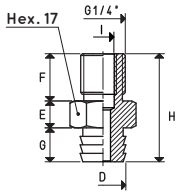
VACUUM CUPS

Item	Force Kg	Compound available	Volume cm^3	A Ø	B Ø	C Ø	D Ø	E	F	H	Bellows stroke mm
01 20 30 S	0.78	(S)	3.0	13.0	8	12	20	10	11.5	30	11
01 30 45 S	1.76	(S)	11.4	18.0	11	19	30	16	19.0	45	20
01 40 55 S	3.14	(S)	30.0	26.0	15	23	40	18	20.0	58	25
01 50 65 S	4.90	(S)	60.2	32.5	20	28	50	19	21.0	68	30



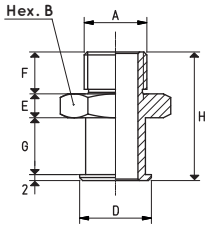
SUPPORTS

Item	D Ø	E	F	G	H	I	Support material	For vacuum cup item	Weight g
00 08 18	9.5	8	14	10	32	M8	aluminium	01 20 30	10.3
00 08 127	13.5	8	14	15	37	--	aluminium	01 30 45	11.5



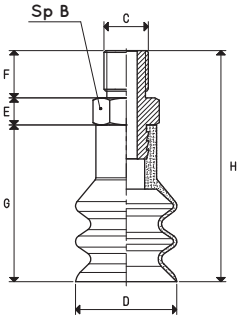
SUPPORTS

Item	A Ø	B	D Ø	E	F	G	H	Support material	For vacuum cup item	Weight g
00 08 474	G3/8"	26	19	8	10	18	38	aluminium	01 40 55	18
00 08 475	G1/2"	32	24	8	14	19	43	aluminium	01 50 65	22



VACUUM CUPS WITH SUPPORT

Item	Force Kg	Compound available	B	C Ø	D Ø	E	F	G	H	Vacuum cup item	Support item	Weight g
08 20 30 S	0.78	(S)	17	G1/4"	20	8	14	30	52	01 20 30	00 08 18	12.5
08 30 45 S	1.76	(S)	17	G1/4"	30	8	14	45	67	01 30 45	00 08 127	18.4
08 40 55 S	3.14	(S)	26	G3/8"	40	8	10	58	76	01 40 55	00 08 474	34.5
08 50 65 S	4.90	(S)	32	G1/2"	50	8	14	68	90	01 50 65	00 08 475	52.2



Compound: (S) = silicone

Note: Cups in special compounds, listed on page 31 can be provided upon specific request in minimum quantities to be defined in the order.

The force of the vacuum cups indicated in the table represents 1/3 of the value of the theoretical force calculated at a level of vacuum of -75 KPa and a factor of safety 3.

Transformation ratio: N (newton) = Kg x 9.81 (force of gravity) inch = $\frac{mm}{25.4}$; pounds = $\frac{g}{453.6} = \frac{Kg}{0.4536}$

Adapters for GAS - NPT threading available on page 1.134