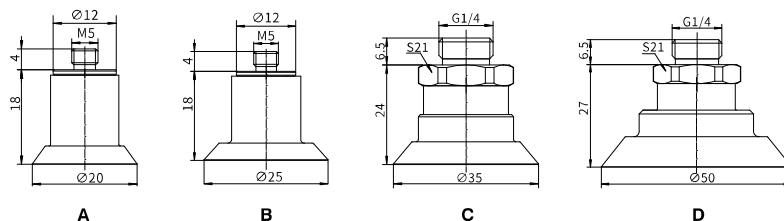




Flat round bellows suction cup for plastic film



Code	Drawing
V=Version N=NBR / S=Silicone	
19VTF.S.05.020.00	A
19VTF.S.05.025.00	B
19VTF.S.14.035.00	C
19VTF.S.14.050.00	D



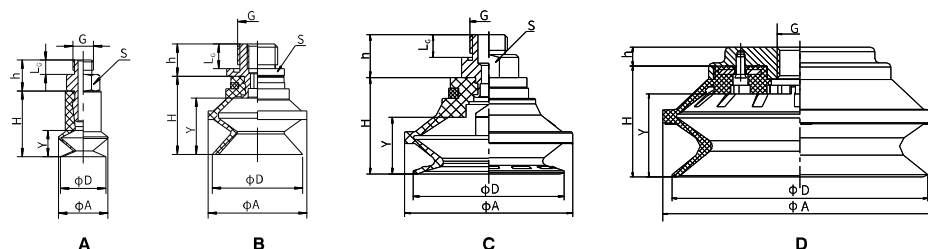
Specially designed for opening plastic bags. Suitable for handling thin and delicate objects, such as plastic films or paper. The thin and adaptable lip together with the internal plugs avoid damages to the film during the suction phase.

Table of lifting forces

Code V=Version N=NBR / S=Silicone	Volume cm ³	Lifting force in vertical direction (N)	Lifting force in parallel direction (N)	Stroke (mm)	Weight (gr.)
		-60kPa	-60kPa		
19VTF.S.05.020.00	1	10	6	1,5	4,6
19VTF.S.05.025.00	1,6	25	21	1,5	5,0
19VTF.S.14.035.00	2,1	38	32,5	1,5	10,0
19VTF.S.14.050.00	6	92	76	2	25,0

Material	Color	Hardness °Shore A	Working temperature °C
Silicone	Blue	40	-40 ... 200

Round bellows suction cup



Code	Drawing	D	A	H	G	L _G	h	S	Y
V=Version N=NBR / S=Silicone									
19VTS.V.05.005.15	A	5,8	6,2	9,2	M5	3,5	7,5	7	3,6
19VTS.V.05.010.15	A	11	12	16	M5	3,5	7,5	7	7
19VTS.V.05.015.15	A	15,5	17,5	19,5	M5	3,5	7,5	7	10
19VTS.V.18.020.15	B	22	24	19	G1/8	6	7,8	13	9
19VTS.V.18.030.15	C	34	36	26	G1/8	6	12	17	19
19VTS.V.18.040.15	C	43	46	28	G1/8	6	12	17	20
19VTS.V.14.050.15	C	53	58	35	G1/4	9	17	24	20
19VTS.V.24.075.15	D	78	83	37	G1/4	*	13	*	27
19VTS.V.26.110.15	D	115	124	54	G1/2	*	9	*	38,5
19VTS.V.26.150.15	D	155	166	71	G1/2	*	10	*	44,5



Round bellows suction cup, which, due to its shape, ensures that when in contact with the surface of the load to be lifted and in the presence of vacuum, it rapidly collapses, releasing the load of several millimetres, separately from the movements of the automation system; this rapid movement prevents the load underneath from remaining stuck to the one being lifted. For this reason, suction cups with this feature are recommended in cases where you need to pick off and move sheets of cardboard, fine sheets, wood panels, glass panes etc. and are also recommended for use on curved surfaces. This suction cup is not suitable for handling objects with lifting force parallel to the surface.

Table of lifting forces

Code V=Version N=NBR / S=Silicone	Volume cm ³	Lifting force in vertical direction (N)			Weight (gr.)
		-20kPa	-60kPa	-90kPa	
19VTS.V.05.005.15	0.05	0.295	0.786	0.99	2
19VTS.V.05.010.15	0.48	1.7	3.5	5.1	2.9
19VTS.V.05.015.15	1.1	3.3	6	8.9	3.5
19VTS.V.18.020.15	2.7	5.8	10.6	15	5
19VTS.V.18.030.15	10	13	25	28	13.6
19VTS.V.18.040.15	15	22.5	42	50.2	20.2
19VTS.V.14.050.15	32	34	65	83	39.5
19VTS.V.12.075.15	110	74	166.4	226	131.3
19VTS.V.12.110.15	310	136.5	343	460.5	316.6
19VTS.V.12.150.15	650	295	686	883	733.3

Material	Color	Hardness °Shore A	Working temperature °C
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