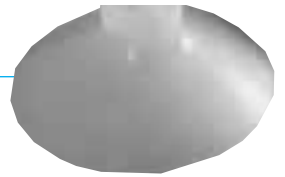
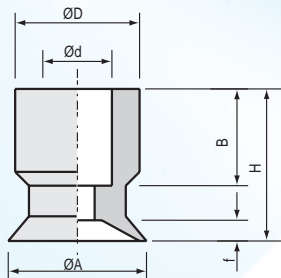


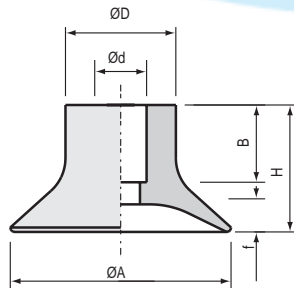
# Flat suction cups, series VP, 5 to 95 mm ø



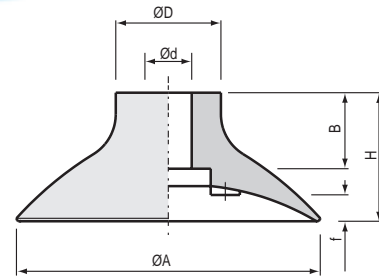
VP 5 to 10



VP 15 to 25



VP 30 to 95



## Applications:

The flat suction cups in series VP are especially recommended for the handling of **flat, rigid and smooth** products.

## Characteristics:

Models	ø A mm	H mm	ø d mm	ø D mm	f mm	B mm	Weight g	Int. volume (cm <sup>3</sup> )	Fr* N	Materials						Inserts ** page	
										NBR	SIT5	NR	STN	FPM	NE		SIA
VP 5	5.5	9	4	7	1	7	0.3	0.03	0.65	°	°					°	74
VP 8	7.5	10	5	9	1.3	7	0.4	0.04	1.5	°	°		°			°	74
VP 10	10	10.5	5	9	1.5	7	0.5	0.05	2.2	°	°						74
VP 15	15	11	5	9	2.25	7	0.7	0.18	5.1	°	°						74
VP 20	20	11.5	4.7	10	3	7	1.2	0.44	8.5	°	°	°	°	°			74
VP 25	25	12	4.5	10	3	7	1.4	0.7	13	°	°						74
VP 30	30	19	8	16	2.5	13	4	2.9	22	°	°						75
VP 35	35	20	8	16	3	13	5.6	2.7	32	°	°			°			75
VP 40	40	20	8	16	3	13	9	4	37	°	°						75
VP 50	52	22	8	18	4.5	13	14	7	53	°	°	°	°				75
VP 60	60	22	8	18	4.5	13	16	7.3	80	°	°						75
VP 75	75	32	12	23	4.5	20	33	16	140	°	°	°					76
VP 95	95	38	12	25	12	20	50	47.5	170		°			°	°		76

The values are representative of the mean characteristics of our products.

(\* ) Fr (in newtons): Actual practical force of the suction cup with a 90% vacuum and a safety factor of 2 inclusive.

(\*\*) : Reference of the range and installation diagram for connections.

## Materials:

NBR: Nitrile  
 SIT5: Translucent silicone  
 NR: Natural rubber  
 SIA: Antistatic silicone  
 STN: Siton  
 FPM: Viton  
 NE: Neoprene

## Special designs:

To meet the specific needs of our customers, our design office develops ranges of special suction cups with special shapes for eggs, paper, CDs, pastries, light bulbs and bags, etc. and of specific materials: Siton, Polyurethane, etc.

For the study of new ranges of special suction cups, we ask our customers to provide us with work specifications, with or without financial contribution. It should be noted that a mould can be designed for quantities of between 500 and 1,000 items per order.

## Suction cup sections :

For minimum quantities of 50 pieces, these standard cups can be altered within the parameters of individual cup dimensions.