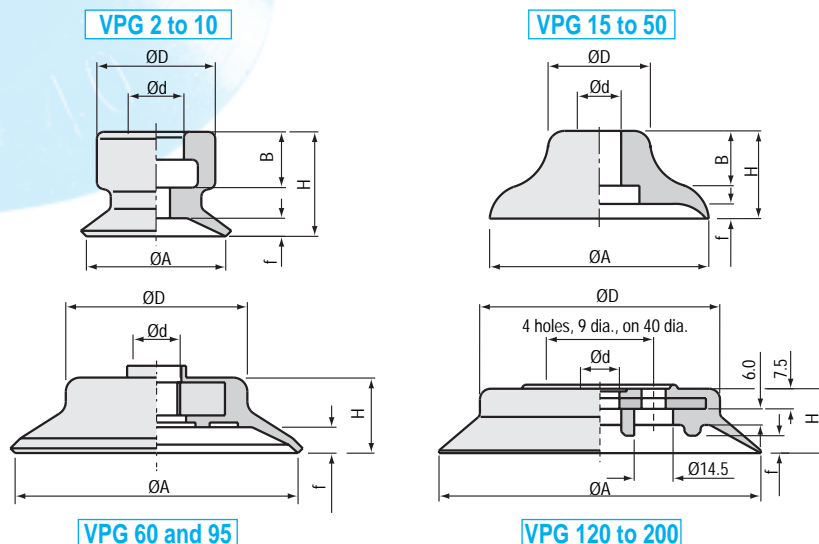


# Extra-flat suction cups, series VPG, 1 to 200 mm $\varnothing$



## Applications:

The profile of extra-flat suction cups in series VPG provides for **accuracy** in load gripping and the speeding up of cycle rates. These suction cups are used for **flat surfaces** only.

## Characteristics:

Models	$\varnothing A$ mm	H mm	$\varnothing d$ mm	$\varnothing D$ mm	f mm	B mm	Weight g	Int. volume (cm <sup>3</sup> )	Fr* N	NBR	Materials				Inserts** page
											SI	PU	FPM	SIA	
VPG 2	2	4	2	4	0.5	2.5		0.00073	0.11	°	°			°	77
VPG 3.5	3.5	4	2	4	0.5	2.5		0.0022	0.34	°	°			°	77
VPG 5	5	6.5	4	7.5	0.8	4		0.005	0.67	°	°			°	77
VPG 6	6	6.5	4	7.5	0.8	4		0.008	0.98	°	°			°	77
VPG 8	8	7	4	8	1.2	4	0.26	0.03	1.7	°	°	°		°	77
VPG 10	10	7.5	4	8.7	1.5	4	0.36	0.07	2.8	°	°	°		°	77
VPG 15	15	8	4.5	12	1.9	2	0.9	0.2	6.5	°	°	°		°	77
VPG 20	20	10	4.5	15	2.3	4	1.93	0.5	12.2	°	°	°			77
VPG 25	25	14	6	16	3	7	3	1.1	16.7	°	°	°			78
VPG 30	30	12	6	15	2	7	4	1.4	22.7	°	°	°			78
VPG 35	35	14	6	20.5	3	7	6.8	2.9	33	°	°	°			78
VPG 40	40	14	6	23.5	3.5	7	8.4	3.8	48	°	°	°			78
VPG 50	50	15	8	29	4	7	13	5.3	75	°	°	°			78
VPG 60	60	16	M10X125	38	5		25	12	123	°	°	°			79
VPG 60S	60	16	1/4G	38	5		25	12	123	°	°	°			79
VPG 80	80	18	M10X125	53	6		55	26.9	198	°	°	°			79
VPG 80S	80	18	1/4G	53	6		55	26.9	198	°	°	°			79
VPG 95	95	19	M10X125	68	6		96	41	280	°	°	°			79
VPG 95S	95	19	1/4G	68	6		96	41	280	°	°	°			79
VPG 120	120	24.5	14.5	89.5	6		242	141	365	°	°				79
VPG 150	150	30.5	13	105	9		480	230	590	°	°				79
VPG 200	200	35.5	13	143	12.5		840	384	1050	°	°				79

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.

Please consult us for the former PFG suction cup models.

## Materials:

NBR: Nitrile  
SI: Silicone  
PU: Polyurethane

FPM: Viton  
SIA: Antistatic silicone

## Suction cup sections:

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