



Developed through partnerships with the composite material industry, the VPSC suction cups are dedicated to the handling of raw composite. Their ultra-flat profile and innovative system of vacuum distribution across the surface of the cups provide optimized gripping with no mark and no deformation. The extra thin sealing lip contours to the product shape without restriction.

The specific characteristics of these suction cups enable its use in other fields such as cheese handling or other fragile, easily deformed products.

Industry-specific applications



Types of use



3

VPSC

### Materials

**PU** Polyurethane 60 Shore A

**SIBL5** Blue Silicone 50 Shore A

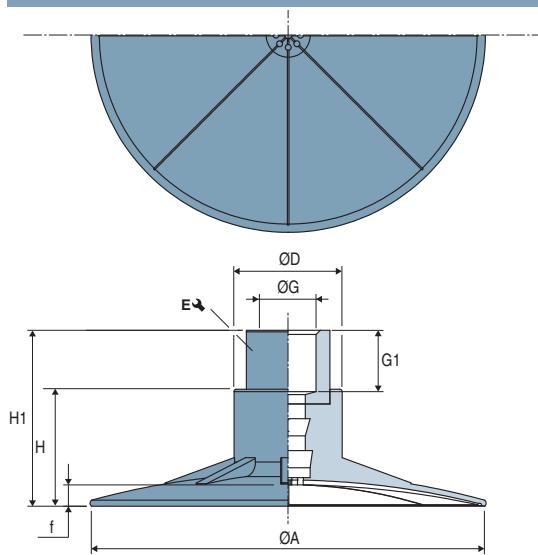
### Suction Cup Characteristics

	Ø (mm)	(cm <sup>3</sup> )	(N) <sup>(1)</sup>	(N) <sup>(1)</sup>	PU	SIBL5
<b>VPSC 40</b>	40	5.6	27	15	<b>VPSC40PUIF14</b>	<b>VPSC40SIBL5IF14</b>
<b>VPSC 80</b>	80	11.2	92.6	46.3	<b>VPSC80PUIF14</b>	<b>VPSC80SIBL5IF14</b>

(1) Actual force of the suction cup in use with 65% vacuum and including a safety factor of 2 for horizontal handling and a factor of 4 for vertical handling.

When used on deformable materials, the indicated forces may require more consideration. Please contact us, particularly for composite applications.

### Suction Cup Dimensions



	Ø A	Ø D	f <sup>(2)</sup>	H	H1	Ø G	E	Ø (g)
<b>VPSC 40</b>	40	21	1.5	21.8	33.8	G1/4"-F	17	16
<b>VPSC 80</b>	80	22	4	23.8	35.8	G1/4"-F	17	26

(2) f = Deflection of the suction cup.



Specify the part number e.g.: VPSC80PUIF14  
Please refer to the characteristics table above

The values represent the average characteristics of our products.  
Note: All dimensions are in mm