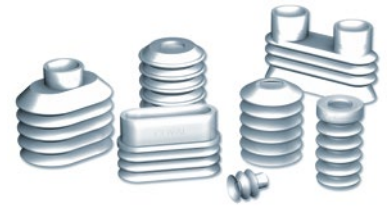
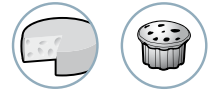


# VSD, VSE, VSP

## Suction Cups for Bakery Applications



Industry-specific applications



Types of use



Suction cups specially developed for gripping delicate objects such as cakes (buns, biscuits, etc.). Specific shape and shore hardness options are available depending on the application. Food-grade silicone (FDA and CE 1935/2004) allows the suction cups to be used at temperatures between -40 °F to 428 °F.

Materials

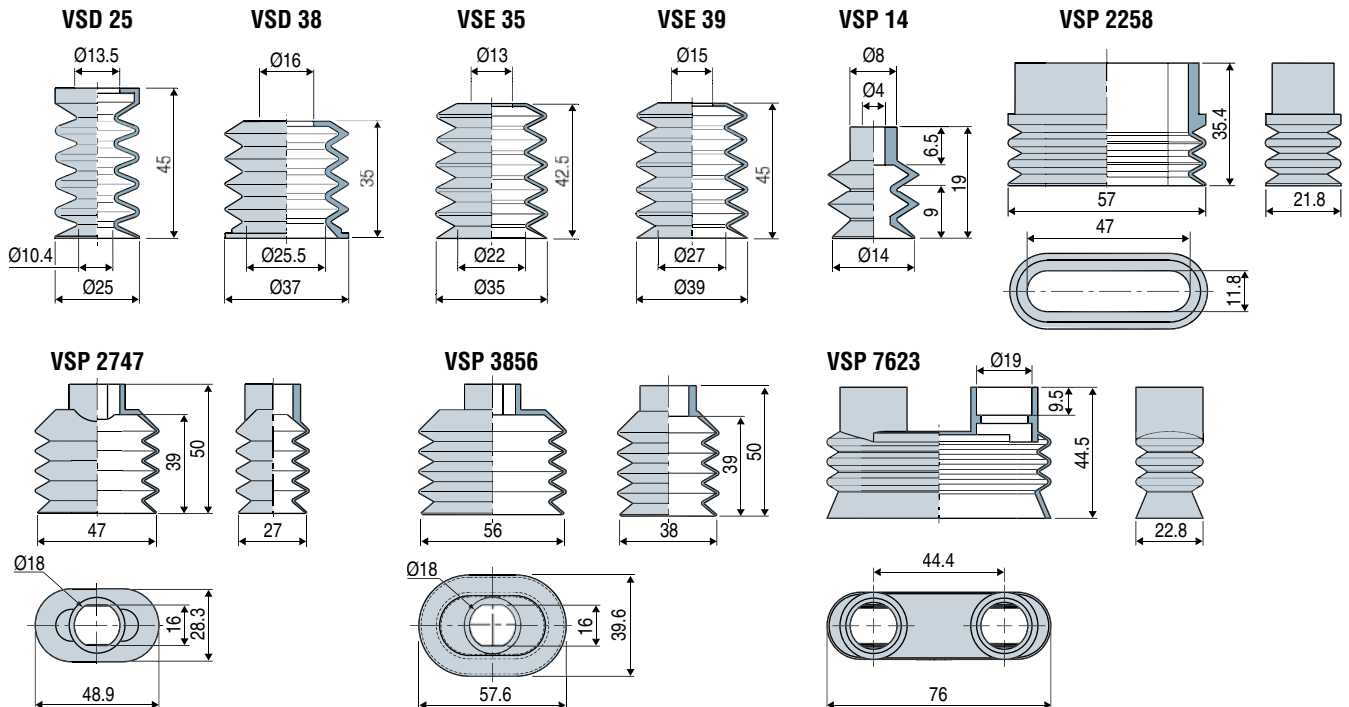
- Si** Silicone
- Si3** 30 Shore A silicone
- Si5** 50 Shore A silicone
- SIT3** 30 Shore A translucent silicone
- SIT5** 50 Shore A translucent silicone
- SIT6** 60 Shore A translucent silicone

### Suction Cup Characteristics

Suction Cup	dim. (mm)	f <sup>(1)</sup>	maximum vacuum (%)	shore hardness	weight (g)	Fittings		
						M5-M	G1/8"-F	G1/8"-M
VSD 25 SI	Ø 25	24	90	30	6.5	-	-	-
VSD 38 SI5	Ø 38	21	20	50	6.3	-	-	-
VSE 35 SI3	Ø 35	26	20	30	8.8	-	-	-
VSE 35 SI	Ø 35	26	30	50	8.8	-	-	-
VSE 39 SI	Ø 39	28	30	50	11.5	-	-	-
VSP 14 SI3	Ø 14	9	70	30 <sup>(2)</sup>	0.9	IM21SP139	IF10ASP139	IM11ASP139
VSP 14 SIT6	Ø 14	9	90	60	0.9	IM21SP139	IF10ASP139	IM11ASP139
VSP 2258 SIT5	22 x 58	8	20	50	12.5	-	-	-
VSP 2747 SIT3	27 x 47	26	15	30	9.8	-	-	-
VSP 3856 SIT5	38 x 56	28	15	50	11.8	-	-	-
VSP 7623 SIT5	23 x 76	14	15	50	13.5	-	-	-

(1) f = Deflection of the suction cup. (2) Non-toxic red silicone

### Suction Cup Dimensions



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

### Accessories

To optimize the use of your suction cups, Coval offers a comprehensive range of accessories (nozzle fittings, spring extensions, and feeder systems, etc.), see chapters 4 and 12.

Specify the part number e.g.: **VSP14SIT6**  
Please refer to the characteristics table above

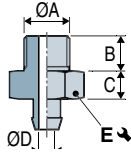
# VSD, VSE, VSP

## Suction Cups for Bakery Applications

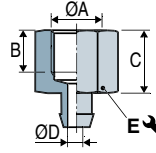


### Barbed Fittings

Male - IM



Female - IF



	ØA	B	C	ØD	E ↘	Material	⚖ (g)
<b>IM 11 ASP 139</b>	G1/8"-M	7.5	6	3.5	14	Aluminum	4.3
<b>IM 21 SP 139</b>	M5-M	4.5	5	2.5	7	Aluminum	2.8
<b>IF 10 ASP 139</b>	G1/8"-F	8	12	3.5	14	Nickel-plated brass	4.3