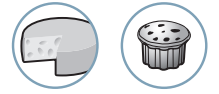


# VSD, VSE, VSP

## 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

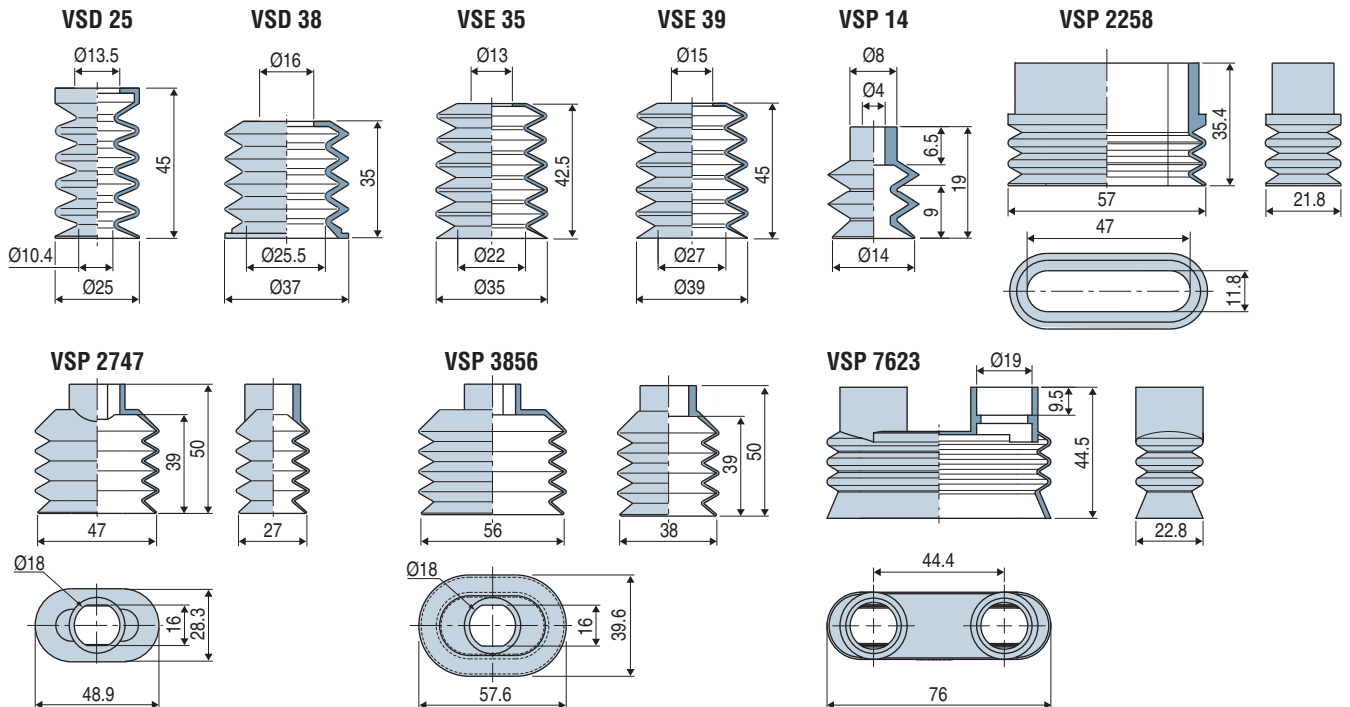
- Si** Silicone
- Si3** 35 Shore A silicone
- Si5** 50 Shore A silicone
- SIT3** 35 Shore A translucent silicone
- SIT5** 50 Shore A translucent silicone
- SIT6** 60 Shore A translucent silicone

### Suction Cup Characteristics

Icon	dim. (mm)	f <sup>(1)</sup>	maximum vacuum (%)	shore hardness	⚖ (g)	Fittings	
						M5-M	G1/8"-M
	Ø 25	24	90	30	6.5	-	-
	Ø 37	21	20	50	6.3	-	-
	Ø 35	26	20	30	8.8	-	-
	Ø 35	26	30	50	8.8	-	-
	Ø 39	28	30	50	11.5	-	-
	Ø 14	9	70	35 <sup>(2)</sup>	0.9	IM21SP139	IM11ASP139
	Ø 14	9	90	60	0.9	IM21SP139	IM11ASP139
	22 x 58	8	20	50	12.5	-	-
	27 x 47	26	15	30	9.8	-	-
	38 x 56	28	15	50	11.8	-	-
	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 14.

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

3 VSD, VSE, VSP

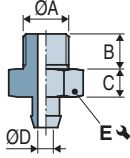
# VSD, VSE, VSP

## Suction Cups for Bakery Applications



### Barbed Fittings

Male - IM



	ØA	B	C	ØD	E ↗	Material	⚖️ (g)
<b>IM 11 ASP 139</b>	G1/8"-M	7.5	6	3.5	14	Aluminum	4.1
<b>IM 21 SP 139</b>	M5-M	4.5	5	2.5	7	Brass	2.8