

Bellows suction cup S.B10-2SF50.XXX.00



- ▶ The lifting movement can be used to separate small and thin objects.
- ▶ Only lightweight objects should be handled when the lifting force is parallel to the surface of the object, in order to achieve good precision and safe lifting movement.
- ▶ Suitable for level adjustment.
- ▶ The silicone material complies with FDA 21 CFR 177.2600 & EU 1935/2004.

Lifting force

Description	Vertical			Parallel		
	20 -kPa	60 -kPa	90 -kPa	20 -kPa	60 -kPa	90 -kPa
Lifting forces	1.5 N	3.4 N	4.9 N	1.8 N	2.4 N	2.8 N

Technical data

Description	Unit	Value
Internal volume	cm ³	0.48
Weight	g	1
Min. curve radius -60 kPa	mm	4.0
Max. vertical movement	mm	4.5
Application	-	Food contact materials (FDA & EU), non-detectable,
Material	-	Silicone (SIL FDA)
Colour	-	Transparent
Suction cup model	-	B
Suction cup shape	-	Bellows
Hardness °Shore A	-	50 °Shore A
Temperature range (°C)	°C	-40 – 200
Actuated outer diameter, Max	mm	12.5

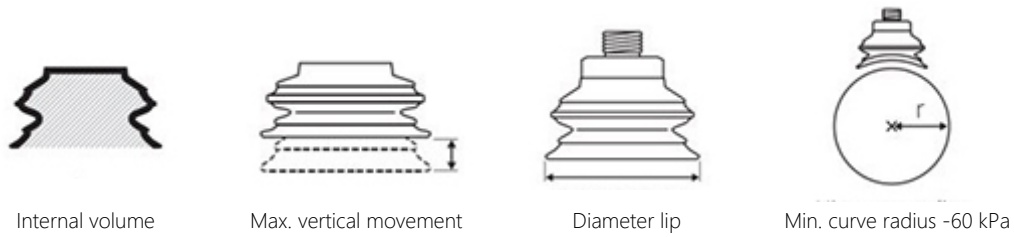
Material resistance , Silicone FDA, SIL FDA

Description	Value
Alcohol	Good
Concentrated Acids	Poor
Ethanol	N/A
Hydrolysis	Fair
Methanol	N/A
Oil	Poor
Oxidation	Excellent
Petrol	Poor
Wear Resistance	Good
Weather & Ozone	Excellent

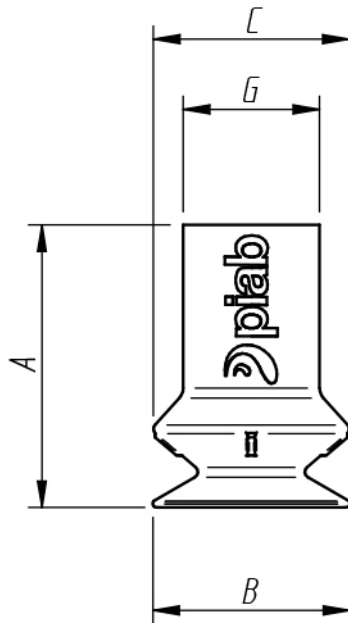
Values specified in data sheet are tested at:

- Room temperature (20°C [68°F] ± 3°C [5.5°F]).

- Standard atmosphere (101.3 [29.9 inHg] ± 1.0 kPa [0.3 inHg]).
- Relative humidity 20-70%.
- Compressed air quality, DIN ISO 8573-1 class 4.



Dimensional drawing



Product code	Description	Unit	Value
A	Building height	mm [inch]	16.4 [0.65"]
B	Diameter lip	mm [inch]	11.0 [0.43"]
C	Diameter (bellows)	mm [inch]	12.0 [0.47"]
G	Diameter (upper part cup)	mm [inch]	9.0 [0.35"]

Ordering information

Description	Product code
Bellows suction cup, Ø 10mm model 2, Silicone FDA, SIL FDA, 50 °Shore A, None, None, None, None	S.B10-2SF50.XXX.00

Ordering information, spare parts

Description	Art. No.
Suction cup B10-2 Silicone FCM	0200241

Ordering information, accessories

Description	Art. No.
Fitting M5 male, 10–15	3107030
Fitting G1/8" male	0213734
Suction cup B10-2 Chloroprene	3150101
Suction cup B10-2 Silicone	3150101S
Suction cup B10-2 HNBR	0128692