

Suction cup BL50-2 Silicone FCM, 0200416

- The silicone material complies with FDA 21 CFR 177.2600 & EU 1935/2004.
- Suitable for level adjustment.
- Lifting movement to separate small and thin objects.
- Less suitable when the lifting force is parallel to the surface of the object.



General

Curve radius	13 mm
Movement, vertical max.	34 mm
Application	Bag handling, Food contact materials (FDA & EU), non-detectable
Material	Silicone (SIL FDA)
Suction cup model	BL-2
Suction cup shape	Multibellows
Volume	53 cm ³
Weight	20 g

Fitting

Fitting size	None
Fitting style	None
Fitting type	None
Fitting option	None


Dimension

Height	53 mm
Outer diameter	48 mm

Performance — lifting forces,

		
20 -kPa	1.7 N	11.7 N
60 -kPa	4.3 N	23 N

Performance — lifting forces, reinforcement ring

	
20 -kPa	17 N
60 -kPa	43 N

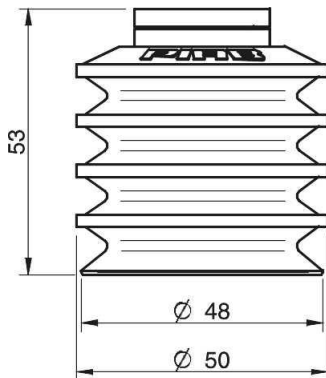
Material

	Silicone (SIL FDA)
Colour	Transparent
Hardness	50 °Shore A
Temperature	-40 – 200 °C

Material resistance

	Silicone (SIL FDA)
Alcohol	++
Concentrated acids	-
Ethanol	N/A
Hydrolysis	+
Methanol	N/A
Oil	-
Oxidation	+++
Petrol	-
Wear resistance	++
Weather and ozone	+++

Dimensional drawings



Values specified in the 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	0-100%
Compressed air quality	DIN ISO 8573-1 class 4

Accessories

	Item no.
Fitting G1/4" male, 50, with mesh filter	3250092
Fitting 1/4" NPT male, with mesh filter	3250094
Fitting 1/8" NPSF female, 50, with mesh filter	0101154