

Suction cup BL40-2 Silicone FCM, 0200415

- 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	11 mm
Movement, vertical max.	33 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	27 cm ³
Weight	10 g

Fitting

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


Dimension

Height	42.4 mm
Outer diameter	40 mm

Performance — lifting forces,

		
20 -kPa	1.1 N	8.9 N
60 -kPa	2.2 N	27.5 N

Performance — lifting forces, reinforcement ring

	
20 -kPa	11 N
60 -kPa	22 N

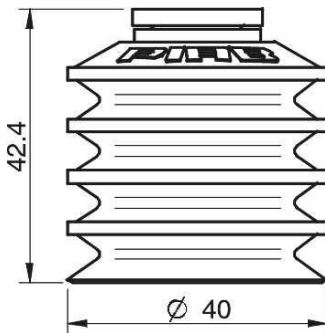
Material

	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 1/4" NPT male, with mesh filter	3250093
Fitting 1/8" NPSF female, 30-40, with mesh filter	0101153
Fitting G1/4" male, 30-40, with mesh filter	3250091