

Suction cup BL50-5 Silicone FCM, 0200240



- The silicone material complies with FDA 21 CFR 177.2600 & EU 1935/2004
- High initial flow, with re-enforced bellows and long, thin lip
- Suitable for handling difficult-to-handle bags, e.g., bags filled with liquid, frozen food, and for heavy bags
- Suitable working temperature is -40–200 °C
- Suitable for level compensation

General

Curve radius	30 mm
Movement, vertical max.	18 mm
Application	Bag handling, Food contact materials (FDA & EU), non-detectable
Material	Silicone (SIL FDA)
Suction cup model	BL-5
Suction cup shape	Multibellows
Volume	26 cm ³
Weight	29 g

Fitting

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

Dimension

Height	53 mm
Outer diameter	50 mm

Performance — lifting forces

		
20 -kPa	8 N	9.4 N
60 -kPa	25 N	20.5 N

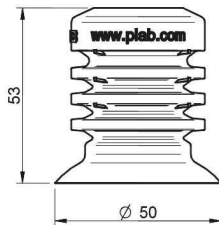
Material

	Silicone FDA 40° Shore A
Colour	Transparent
Hardness	40 °Shore A
Temperature	-40 – 200 °C

Material resistance

	Silicone FDA 40° Shore A
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 G1/2" male, bag	0113117
Fitting 1/2" NPT male, bag	0113140