

Suction cup BL50-5 Silicone FCM

Item number: BL50-5.21



- The silicone material complies with FDA 21 CFR 177.2600 & EU 1935/2004
- High initial flow, with reinforced 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 -40–392 °F
- Suitable for level compensation

Technical data

Description	Unit	Value
Suction cup shape	-	Multibellows
Suction cup design	-	Round
Characteristics	-	Food contact materials (FDA & EU). non-detectable. High/low temp cup (plastic)
Material	-	Silicone (SIL)
Weight, min.	oz	1.023
Suction cup model	-	BL-5
Volume	in³	1.59
Height	in	2.087
Outer diameter, min.	in	1.98
Fitting size	-	None
Fitting option	-	None
Fitting style	-	None
Fitting type	-	None
Fitting material	-	None
Suction cup model	-	BL50-5
Movement, vertical max.	in	0.71
Curve radius, min.	in	1.18

Performance - Lifting forces

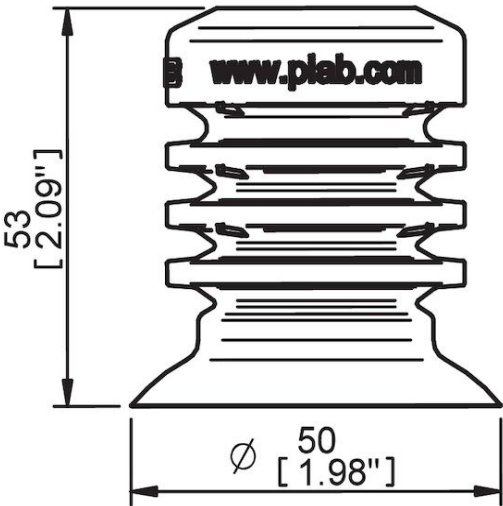
BL50-5	Vertical (lb)	Parallel (lb)
5.91 -inHg	1.8	2.11
17.72 -inHg	5.62	4.61

Material	
Name	Silikon FDA 40° Shore A
Color	Transparent
Temperature, min. °F	-40
Temperature max. °F	392
Hardness °Shore A	40

Material resistance

Alcohol	Good
Concentrated acids	Poor
Ethanol	Good
Hydrolysis	Fair
Methanol	Good
Oil	Poor
Oxidation	Excellent
Gasoline	Poor
Wear resistance	Good
Weather and ozone	Excellent

Dimensional drawings



Values specified in this data sheet are tested at (unless otherwise stated):

- 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.

Accessories

- 05AJ | Fitting G1/2" male, bag
- 05AL | Fitting 1/2" NPT male, bag