

Suction cup BL40-4 Silicone FCM

Item number: BL40-4.21



- The silicone material complies with FDA 21 CFR 177.2600 & EU 1935/2004
- Long and flexible bellow
- Long and thin lip
- High flow fitting
- Working area = lip diameter
- Wide temperature range (-40°F to +392°F)

Technical data

Description	Unit	Value
Suction cup shape	-	Multibellows
Application	-	Bag handling, Food contact materials (FDA & EU), non-detectable
Suction cup design	-	Round
Characteristics	-	Bag handling, Food contact materials (FDA & EU), non-detectable
Material	-	Silicone (SIL)
Weight, min.	oz	0.28
Suction cup model	-	BL-4
Volume	in ³	0.92
Height	in	1.57
Outer diameter, min.	in	1.58
Fitting size	-	None
Fitting option	-	None
Fitting style	-	None
Fitting type	-	None
Suction cup model	-	BL40-4
Movement, vertical max.	in	0.71
Curve radius, min.	in	0.59

Performance - Lifting forces

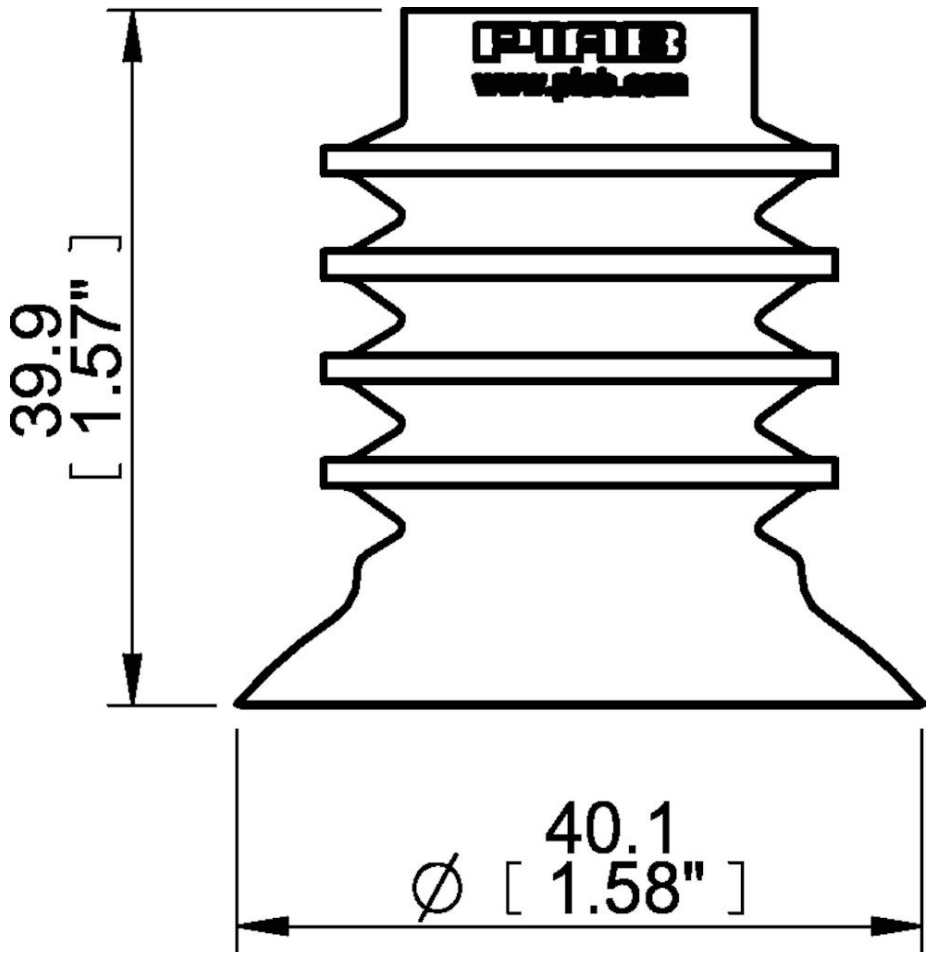
BL40-4	Vertical (lb)	Parallel (lb)
5.91 -inHg	2.25	1.057
17.72 -inHg	3.37	2.99
26.58 -inHg	4.95	4.43

Material	
Name	Silikon FDA 40° Shore A
Color	Transparent
Temperature, min. °F	-40.0
Temperature max. °F	392.0
Hardness °Shore A	40

Material resistance

Alcohol	Good
Concentrated acids	Poor
Ethanol	n/a
Hydrolysis	Fair
Methanol	n/a
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

04AJ | Fitting G3/8" male, bag
04AI | Fitting 3/8" NPT male, bag