

Suction cup BL30-4 Silicone FCM

Item number: 02.00.436 BL30-4.20



- 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	0.18
Suction cup model	-	BL-4
Volume	in³	0.25
Height	in	1.44
Outer diameter, min.	in	1.20
Suction cup model	-	BL30-4
Movement, vertical max.	in	0.75
Curve radius, min.	in	0.79

Performance - Lifting forces

BL30-4	Vertical (lb)	Parallel (lb)
5.91 -inHg	1.80	0.94

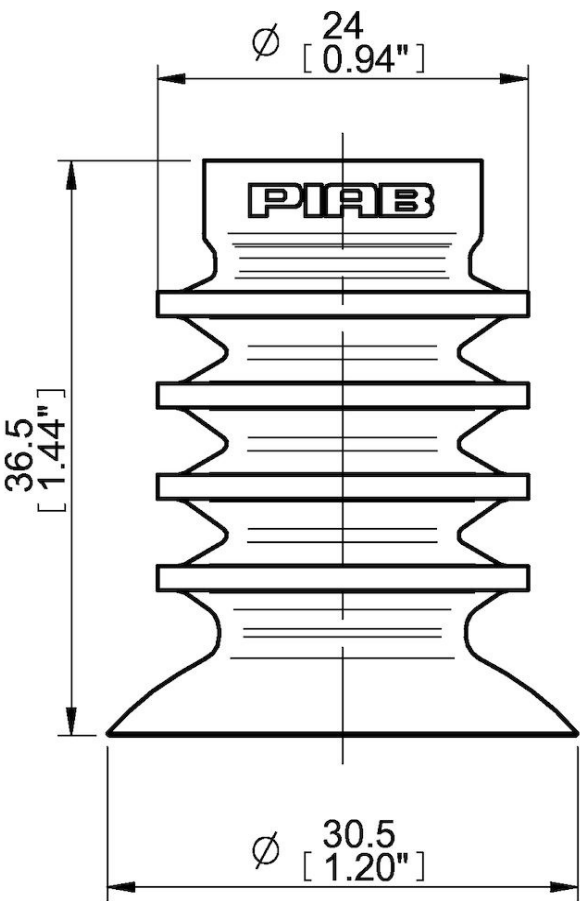
Material

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.