

Suction cup B5 Silicone FCM

Item number: B5.21



- The silicone material complies with FDA 21 CFR 177.2600 & EU 1935/2004.
- Lifting movement to separate small and thin objects.
- Only lightweight objects should be handled when the lifting force is parallel to the surface.
- Suitable for level adjustment.

Technical data

Description	Unit	Value
Suction cup shape	-	Bellows
Application	-	Food contact materials (FDA & EU), non-detectable
Suction cup design	-	Round
Characteristics	-	Food contact materials (FDA & EU), non-detectable
Material	-	Silicone (SIL)
Weight, min.	oz	0.0039
Suction cup model	-	B
Volume	in ³	0.0031
Height	in	0.36
Outer diameter, min.	in	0.22
Outer diameter, actuated	in	0.25
Fitting size	-	None
Fitting option	-	None
Fitting style	-	None
Fitting type	-	None
Suction cup model	-	B5
Movement, vertical max.	in	0.059
Curve radius, min.	in	0.059

Performance - Lifting forces

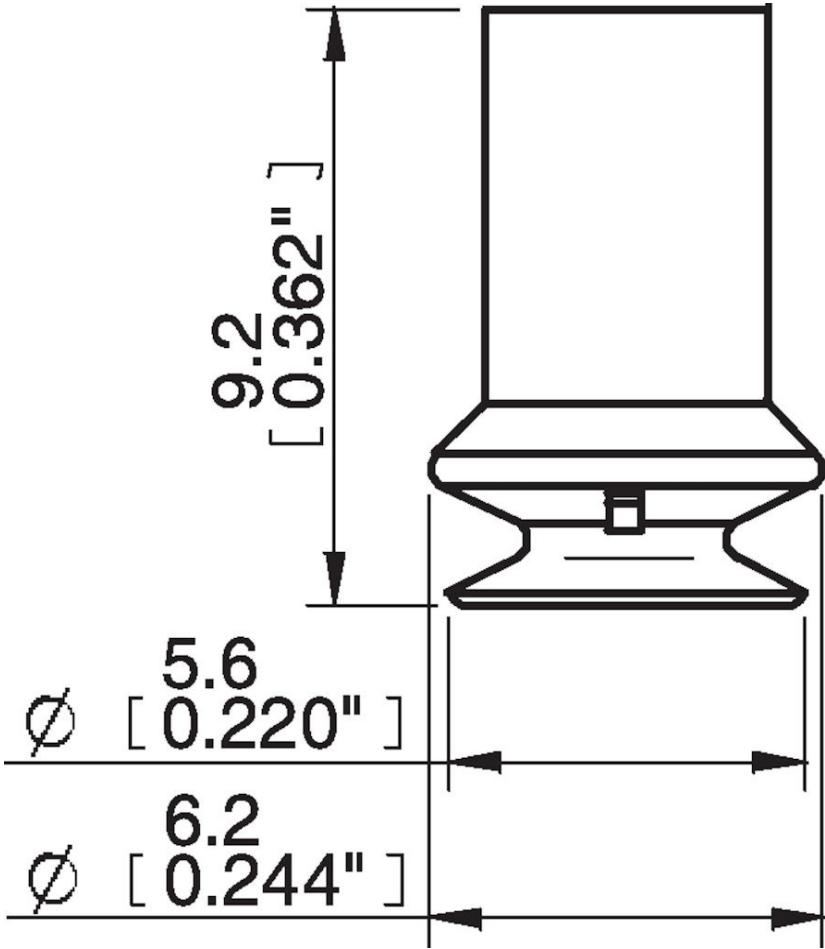
B5	Vertical (lb)	Parallel (lb)
5.91 -inHg	0.067	
17.72 -inHg	0.18	
26.58 -inHg	0.22	

Material	
Name	Silicone (SIL FDA) 50° Shore
Color	Transparent
Temperature, min. °F	-40.0
Temperature max. °F	392.0
Hardness °Shore A	50

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

01AB | Fitting M5 male, 5–8