Datasheet

Suction cup BL20-2 Silicone FCM, G1/8" male, with mesh filter

Article number: 9909637

- The silicone material complies with FDA 21 CFR 177.2600 & EU 1935/2004.
- Suitable for level adjustment.
- Lifting movement to separate small and thin objects.
- Less suitable when the lifting force is parallel to the surface of the object.

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.	g	3
Suction cup model	-	BL-2
Volume	cm^3	4
Height	mm	34.9
Outer diameter, min.	mm	20
Fitting size	-	1/8"
Fitting option	-	Filter mesh
Fitting style	-	Male
Fitting type	-	G-thread
Suction cup model	-	BL20-2 reinforcement ring
Movement, vertical max.	mm	12.6
Curve radius, min.	mm	4
Suction cup model	-	BL20-2
Movement, vertical max.	mm	12.6
Curve radius, min.	mm	4

Performance - Lifting forces

BL20-2 reinforcement ring	Vertical (N)	Parallel (N)
20 -kPa	3.3	3.7
60 -kPa	8.2	6
BL20-2		
20 -kPa	2.2	
60 -kPa	7	

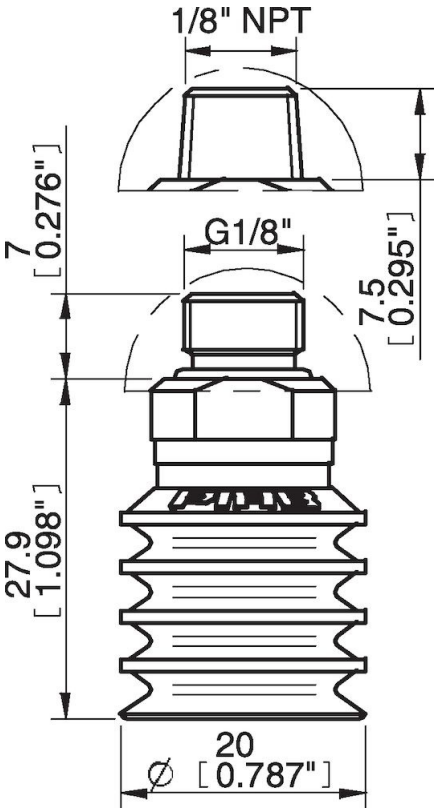
Material

Name	Silicone (SIL FDA) 50° Shore
Colour	Transparent
Temperature, min. | °C	-40
Temperature max. | °C	200
Hardness | °Shore A	50

Material resistance

Alcohol	Good
Concentrated acids	Poor
Ethanol	n/a
Hydrolysis	Fair
Methanol	n/a
Oil	Poor
Oxidation	Excellent
Petrol	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

0101152 | Fitting G1/8" male/M5 female, with mesh filter
3250088 | Fitting 1/8" NPT male, with mesh filter

Spare parts

0200412 | Suction cup BL20-2 Silicone FCM
3250085 | Fitting G1/8" male, with mesh filter