

Suction cup B20 Silicone

Item number: B20.20



- Made from high quality silicone for safe and efficient handling
- Suitable for level adjustment.
- Several short bellows in one lifting device can handle objects with height differences and varying shapes, for example embossed or corrugated plates.
- The lifting movement can be used to separate small and thin objects.
- Suitable for plastics, sheet metal and packaging application

Technical data

Description	Unit	Value
Suction cup shape	-	Bellows
Suction cup design	-	Round
Characteristics	-	High/low temp cup (plastic)
Material	-	Silicone (SIL)
Weight, min.	oz	0.11
Suction cup model	-	B
Volume	in³	0.16
Height	in	0.75
Outer diameter, min.	in	0.87
Fitting size	-	None
Fitting option	-	None
Fitting style	-	None
Fitting type	-	None
Fitting material	-	None
Suction cup model	-	B20
Movement, vertical max.	in	0.39
Curve radius, min.	in	0.39

Performance - Lifting forces

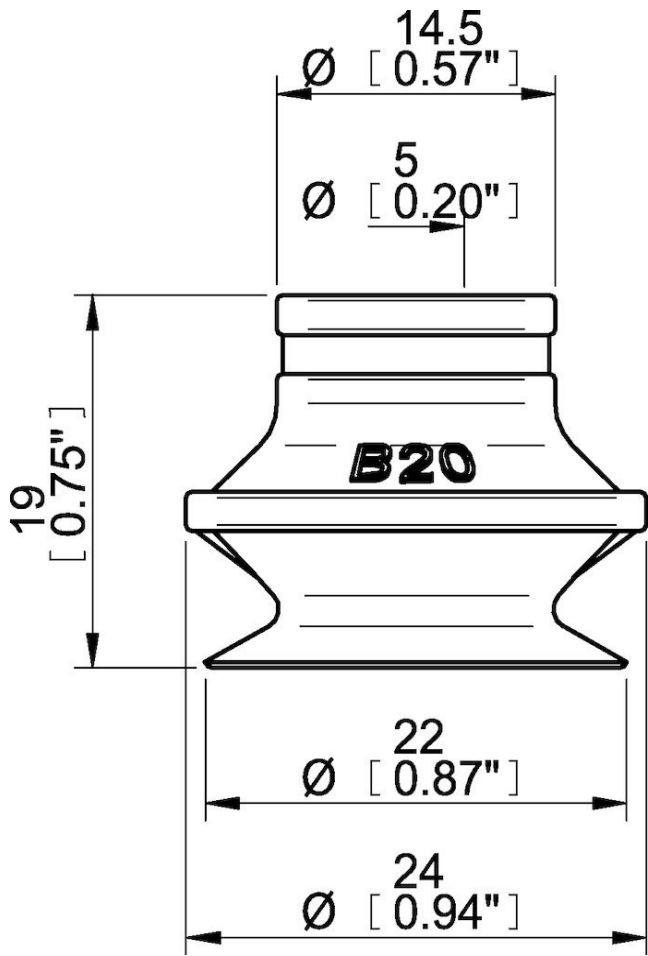
B20	Vertical (lb)	Parallel (lb)
5.91 -inHg	1.33	0.65
17.72 -inHg	2.2	1.21
26.58 -inHg	3.15	1.85

Material	
Name	Silicone. SIL 50° Shore A
Color	Red
Temperature, min. °F	-40
Temperature max. °F	392
Hardness °Shore A	50

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

02AE | Fitting 5xM5 female

02AF | Fitting G1/8" male/M5 female, with mesh filter

02CD | Fitting G1/8" male/M5 female, PA

02AA | Fitting M5 female

02AD | Fitting G1/8" male/M5 female

02AB | Fitting G1/8" male, with mesh filter

02AC | Fitting 1/8" NPT male, with mesh filter

02DA | Fitting M5 female, with dual flow control valve

02DC | Fitting 1/8" NPT male, with dual flow control valve

02DD | Fitting G1/8" male/M5 female, with dual flow control valve

02DE | Fitting 5xM5 female, with dual flow control valve