

Suction cup BL40-4 Silicone, 3/8" NPT male

Article number: 0116996



- Long and flexible bellow
- Long and thin lip
- High flow fitting
- Working area = lip diameter
- Wide temperature range (-40°C to +200°C)

Technical data

Description	Unit	Value
Suction cup shape	-	Multibellows
Application	-	Bag handling
Suction cup design	-	Round
Characteristics	-	Bag handling
Material	-	Silicone (SIL)
Weight, min.	g	8
Suction cup model	-	BL-4
Volume	cm ³	15
Height	mm	57.4
Outer diameter, min.	mm	40.1
Fitting size	-	3/8"
Fitting option	-	None
Fitting style	-	Male
Fitting type	-	NPT-thread
Suction cup model	-	BL40-4
Movement, vertical max.	mm	18
Curve radius, min.	mm	15

Performance - Lifting forces

BL40-4	Vertical (N)	Parallel (N)
20 -kPa	10	4.7
60 -kPa	15	13.3
90 -kPa	22	19.7

Material

Name	Silicone, SIL 40° Shore A
Colour	Red
Temperature, min. °C	-40
Temperature max. °C	200
Hardness °Shore A	40

Material resistance

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

Material and ozone	Excellent
Name	Silicone, SIL 40° Shore A
Dimensional drawings	Red
	-40
	200
	40
	Good
	Poor
	n/a
	Fair
	n/a
	Poor
	Excellent
	Poor
	Good
	Excellent

Technical drawing of a suction cup with the following dimensions:

- Top diameter: 17.1 mm
- SW: 0.68" [17.1 mm]
- Height to top edge: 11.5 mm [0.45"]
- Height to bottom edge: 0.45" [11.5 mm]
- Total height: 45.9 mm [1.81"]
- Bottom diameter: 40.1 mm [1.58"]

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

0112662 | Fitting G3/8" male, bag

Spare parts

0112692 | Fitting 3/8" NPT male, bag

0114848 | Suction cup BL40-4 Silicone