

Datasheet

Suction cup BL30-4 Silicone, 1/4" NPT male

Item number: BL30-4.20.04FC



- 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
Suction cup design	-	Round
Characteristics	-	Bag handling
Material	-	Silicone (SIL)
Weight, min.	oz	0.18
Suction cup model	-	BL-4
Volume	in ³	0.25
Height	in	2.13
Outer diameter, min.	in	1.20
Fitting size	-	1/4"
Fitting option	-	None
Fitting style	-	Male
Fitting type	-	NPT-thread
Suction cup model	-	BL30-4
Movement, vertical max.	in	0.75
Curve radius, min.	in	0.79

Performance - Lifting forces

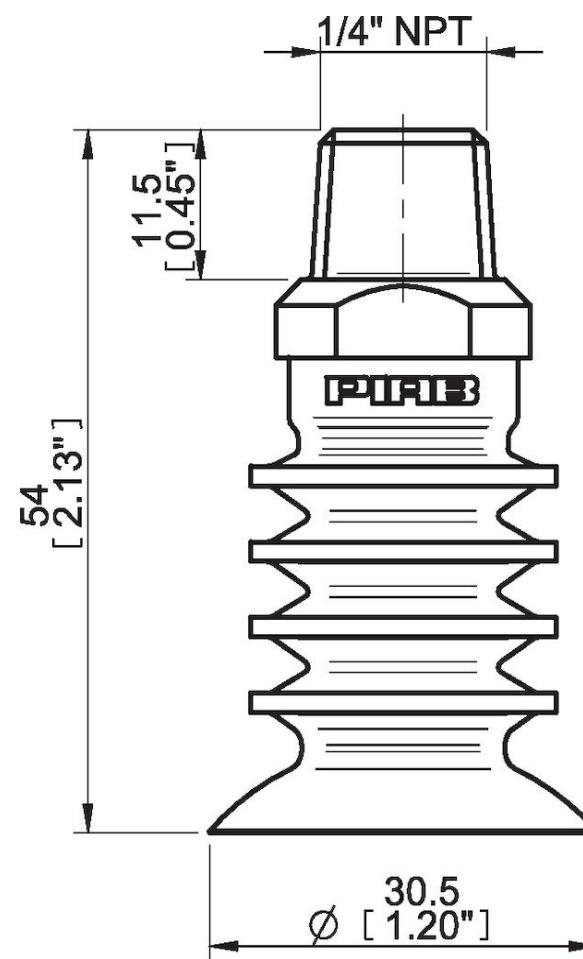
BL30-4	Vertical (lb)	Parallel (lb)
5.91 -inHg	1.80	0.94

Material	
Name	Silicone, SIL 40° Shore A
Color	Red
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.

Accessories

04AZ | Fitting G1/4" male, bag

Spare parts

BL30-4.20 | Suction cup BL30-4 Silicone
04FC | Fitting 1/4" NPT male, bag