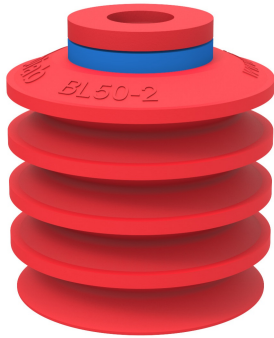


# Suction cup BL50-2 Silicone

Article number: 0101122



- 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
Suction cup design	-	Round
Characteristics	-	Bag handling
Material	-	Silicone (SIL)
Weight, min.	g	20
Suction cup model	-	BL-2
Volume	cm <sup>3</sup>	53
Height	mm	53
Outer diameter, min.	mm	48
Outer diameter, actuated	mm	50
Fitting size	-	None
Fitting option	-	None
Fitting style	-	None
Fitting type	-	None
Suction cup model	-	BL50-2
Movement, vertical max.	mm	30
Curve radius, min.	mm	13

## Performance - Lifting forces

BL50-2	Vertical (N)	Parallel (N)
20 -kPa	21	
60 -kPa	48	

## Material

Name	Silicone, SIL 50° Shore A
Colour	Red
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

Material and ozone	Excellent
Name	Silicone, SIL 50° Shore A
Dimensional drawings	Red
	40
	.00
	.0
	Good
	Poor
	/a
	air
	/a
	Poor
	Excellent
	Poor
	Good
	Excellent

**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**

- 0100262 | Fitting 5x1/8" NPSF female, 50
- 0101154 | Fitting 1/8" NPSF female, 50, with mesh filter
- 0200715 | Fitting G1/8" male, 50, with mesh filter
- 3150198 | Fitting 1/8" NPSF female, 50, PA
- 3250017 | Fitting 1/8" NPSF female, 50
- 3250087 | Fitting G3/8" male, 50, with mesh filter
- 3250090 | Fitting 3/8" NPT male, with mesh filter
- 3250092 | Fitting G1/4" male, 50, with mesh filter
- 3250094 | Fitting 1/4" NPT male, with mesh filter
- 3251012 | Fitting 1/8" NPSF female, 50, with dual flow control valve
- 3251013 | Fitting G1/4" male, with mesh filter and dual flow control valve
- 3251014 | Fitting 1/4" NPT male, with dual flow control valve
- 3251015 | Fitting G3/8" male, 50, with mesh filter and dual flow control valve
- 3251016 | Fitting 3/8" NPT male, with dual flow control valve
- 3251017 | Fitting 5x1/8" NPSF female, 50, with dual flow control valve
- 3150074 | Reinforcement ring 50-2