

# Datasheet

## Suction cup B-BL40-2 FDA, detectable, transparent

Item number: 01.26.599



- The silicone material complies with FDA 21 CFR 177.2600 and EU 1935/2004.
- Long lasting high-end silicone material.
- A low percentage metal additive (Fe) is mixed with the rubber material to make it detectable. Less amount of Fe-powder added compared to Blue version (0202850).
- Suitable for bakeries for use with handling seeded product
- Suitable for level adjustment.
- Available with male threaded food grade, detectable plastic fittings or acid proof stainless steel fittings. The fittings are separable.
- Additional fitting option – retainer clip for standard belts used for bread de-panner.
- Easy to clean with hygienic design. No dust/dirt pockets.
- Low vacuum level needed to collapse bellows. Reduces risk for damaging the handled bakery product.

### Technical data

Description	Unit	Value
Suction cup shape	-	Multibellows
Application	-	Food contact materials (FDA & EU), detectable
Suction cup design	-	Round
Characteristics	-	Food contact materials (FDA & EU), detectable
Material	-	Silicone (SIL)
Weight, min.	oz	0.32
Suction cup model	-	B-BL
Volume	in <sup>3</sup>	1.77
Height	in	1.50
Outer diameter, min.	in	1.67
Outer diameter, actuated	in	1.69
Fitting size	-	None
Fitting option	-	None
Fitting style	-	None
Fitting type	-	None
Suction cup model	-	B-BL40-2 FDA, detectable
Movement, vertical max.	in	0.87
Curve radius, min.	in	0.43

### Performance - Lifting forces

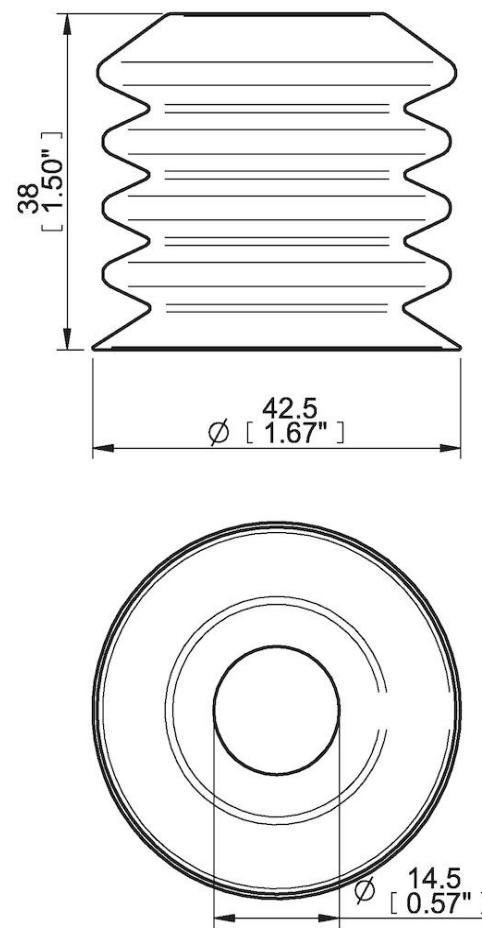
B-BL40-2 FDA, detectable	Vertical (lb)	Parallel (lb)
5.91 -inHg	3.51	
17.72 -inHg	7.67	
26.58 -inHg	10.16	

<b>Material</b>	
Name	Silicone (SIL FDA detectable)
Color	Transparent
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

01.21.660 | Retainer clip B-BL40-2, detectable