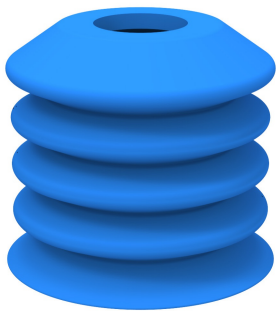


# Suction cup B-BL40-2 Silicone, detectable, FCM

Article number: 0202850



- 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.
- 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.             | g    | 8.1                                           |
| Suction cup model        | -    | B-BL                                          |
| Volume                   | cm³  | 29.1                                          |
| Height                   | mm   | 38                                            |
| Outer diameter, min.     | mm   | 42.5                                          |
| Outer diameter, actuated | mm   | 43                                            |
| Fitting size             | -    | None                                          |
| Fitting option           | -    | None                                          |
| Fitting style            | -    | None                                          |
| Fitting type             | -    | None                                          |
| Suction cup model        | -    | B-BL40-2 FCM, detectable                      |
| Movement, vertical max.  | mm   | 27.9                                          |
| Curve radius, min.       | mm   | 15.8                                          |

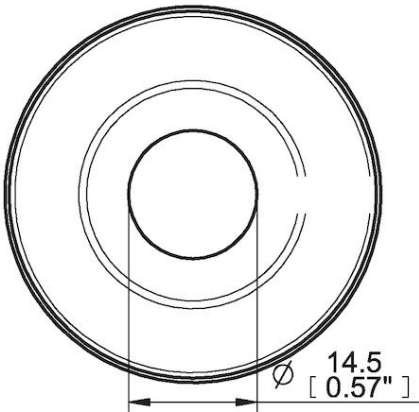
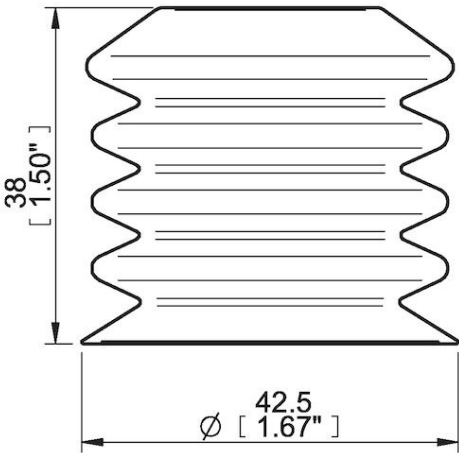
Performance - Lifting forces

| B-BL40-2 FCM, detectable | Vertical (N) | Parallel (N) |
|--------------------------|--------------|--------------|
| 10 -kPa                  | 8.4          | 4.2          |
| 20 -kPa                  | 15.3         | 9            |
| 40 -kPa                  | 25.7         | 19.4         |

|                        |                               |
|------------------------|-------------------------------|
| <b>Material</b>        |                               |
| Name                   | Silicone (SIL detectable FCM) |
| Colour                 | Blue                          |
| Temperature, min.   °C | -40                           |
| Temperature max.   °C  | 200                           |
| Hardness   °Shore A    | 40                            |

|                            |           |
|----------------------------|-----------|
| <b>Material resistance</b> |           |
| Alcohol                    | Good      |
| Concentrated acids         | Poor      |
| Ethanol                    | n/a       |
| Hydrolysis                 | Fair      |
| Methanol                   | n/a       |
| Oil                        | Poor      |
| Oxidation                  | Excellent |
| Petrol                     | 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**

- 0121660 | Retainer clip Ø9, composite, B-BL
- 0207181 | Fitting G3/8" Male, SS, B-BL
- 0207182 | Fitting 3/8" NPT Male, SS, B-BL
- 0207183 | Fitting G1/2" Male, SS, B-BL
- 0207184 | Fitting 1/2" NPT Male, SS, B-BL
- 0207190 | Fitting G3/8" Male, composite, B-BL
- 0207191 | Fitting 3/8" NPT Male, composite, B-BL
- 0207192 | Fitting G1/2" Male, composite, B-BL
- 0207193 | Fitting 1/2" NPT Male, composite, B-BL