

Suction cup B-BL30-2 Silicone, with retainer clip, detectable FCM

Article number: 0207100



- 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) |
| Load, torque, max. | Nm | 13 |
| Weight, min. | g | 5.4 |
| Suction cup model | - | B-BL |
| Volume | cm ³ | 11 |
| Height | mm | 32.1 |
| Outer diameter, min. | mm | 30 |
| Outer diameter, actuated | mm | 30.5 |
| Fitting size | - | None |
| Fitting option | - | None |
| Fitting style | - | None |
| Fitting type | - | None |
| Suction cup model | - | B-BL30-2 FCM, detectable |
| Movement, vertical max. | mm | 16.8 |
| Curve radius, min. | mm | 10.8 |

Performance - Lifting forces

| B-BL30-2 FCM, detectable | Vertical (N) | Parallel (N) |
|--------------------------|--------------|--------------|
| 10 -kPa | 4.4 | 3 |
| 20 -kPa | 7.4 | 4.4 |
| 40 -kPa | 12.3 | 8.3 |

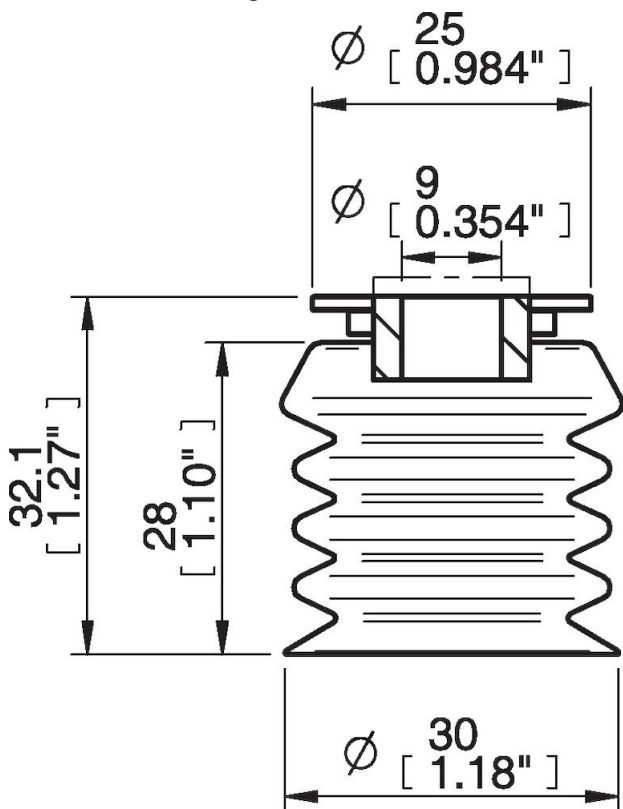
Material

| | |
|------------------------|-------------------------------|
| Name | Silicone (SIL detectable FCM) |
| Colour | Blue |
| 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 |
| 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

Spare parts

- 0121660 | Retainer clip Ø9, composite, B-BL

0206373 | Suction cup B-BL30-2 Silicone, detectable, FCM
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