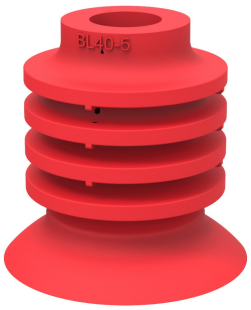
# Datasheet

# Suction cup BL40-5 Silicone

**Item number: BL40-5.20**




- High initial flow, with reinforced bellows and long, thin lip
- Suitable for handling difficult-to-handle bags, e.g., bags filled with liquid, frozen food, and for heavy bags
- Suitable working temperature is -40–392 °F
- Suitable for level compensation

## Technical data

| Description | Unit | Value |
|---|---|---|
| Suction cup shape | - | Multibellows |
| Suction cup design | - | Round |
| Characteristics | - | High/low temp cup (plastic) |
| Material | - | Silicone (SIL) |
| Weight, min. | oz | 0.35 |
| Suction cup model | - | BL-5 |
| Volume | in³ | 0.85 |
| Height | in | 1.57 |
| Outer diameter, min. | in | 1.57 |
| Fitting size | - | None |
| Fitting option | - | None |
| Fitting style | - | None |
| Fitting type | - | None |
| Fitting material | - | None |
| Suction cup model | - | BL40-5 |
| Movement, vertical max. | in | 0.79 |
| Curve radius, min. | in | 0.87 |

## Performance - Lifting forces

| BL40-5 | Vertical (lb) | Parallel (lb) |
|---|---|---|
| 5.91 -inHg | 2.92 | 1.24 |
| 17.72 -inHg | 3.37 | 2.25 |

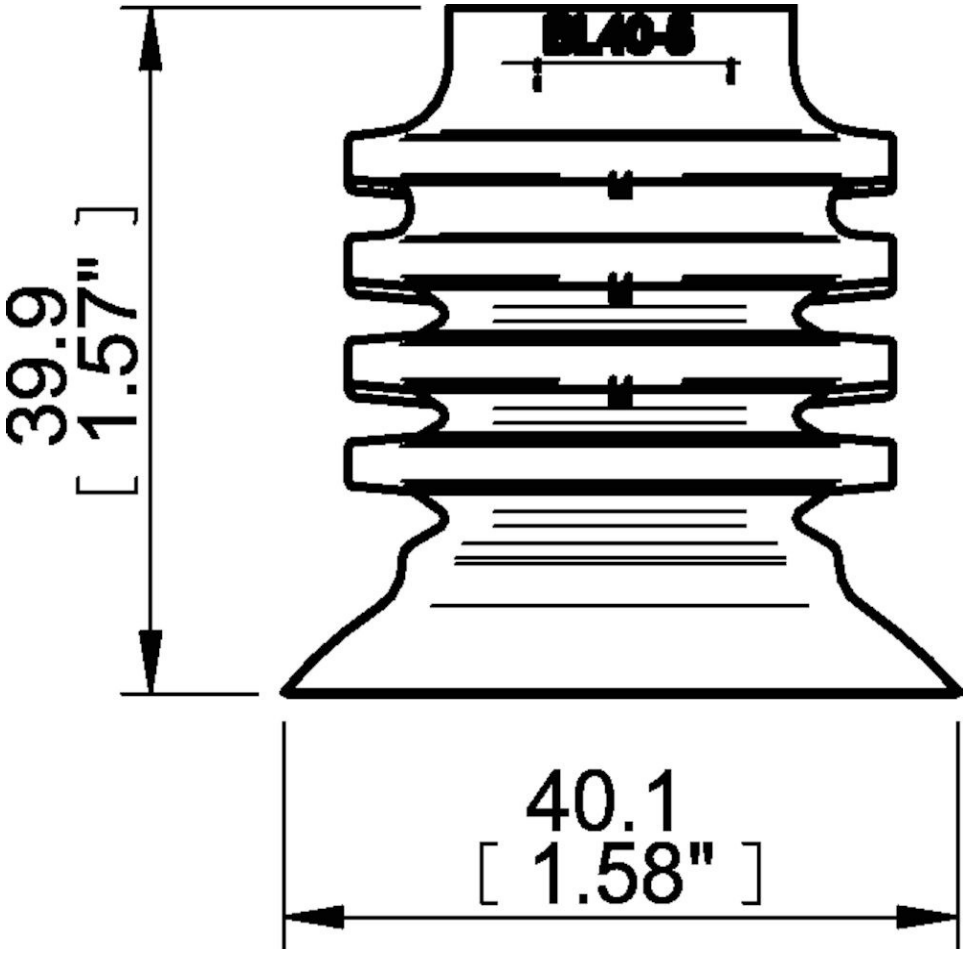
**Material**

| | |
|---|---|
| Name | Silicone. SIL 40° Shore A |
| Color | Red |
| Temperature, min. \| °F | -40 |
| Temperature max. \| °F | 392 |
| Hardness \| °Shore A | 40 |

**Material resistance**

| | |
|---|---|
| Alcohol | Good |
| Concentrated acids | Poor |
| Ethanol | Good |
| Hydrolysis | Fair |
| Methanol | Good |
| 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

04AJ | Fitting G3/8" male, bag
04AL | Fitting 3/8" NPT male, bag