

## BL50-5



### SUCTION CUP SPECIALLY OPTIMISED FOR DIFFICULT BAG HANDLING

- ▶ High initial flow, with re-enforced 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 -40–200 °C.
- ▶ Suitable for level compensation.
- ▶ Made of silicone material that complies with FDA 21 CFR 177.2600.

### LIFTING FORCES & TECHNICAL DATA

| Lifting force vertical to the surface, N, at vacuum level |         |         | Lifting force parallel to the surface, N, at vacuum level |         |         | Volume<br>cm <sup>3</sup> | Min. curve radius<br>mm | Max. vertical movement<br>mm | Weight rubber part<br>g |
|-----------------------------------------------------------|---------|---------|-----------------------------------------------------------|---------|---------|---------------------------|-------------------------|------------------------------|-------------------------|
| 20 -kPa                                                   | 60 -kPa | 90 -kPa | 20 -kPa                                                   | 60 -kPa | 90 -kPa |                           |                         |                              |                         |
| 8                                                         | 25      | —       | —                                                         | —       | —       | 26                        | 30                      | 18                           | 29                      |

### MATERIAL SPECIFICATIONS

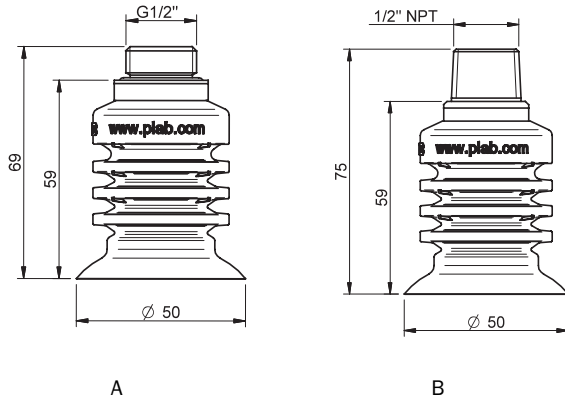
| Material      | Colour | Hardness<br>°Shore A | Temperature range<br>°C |
|---------------|--------|----------------------|-------------------------|
| Silicone, SIL | Red    | 40                   | -40–200                 |

### MATERIAL RESISTANCE

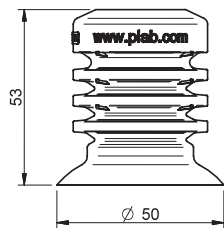
| Material      | Wear resistance | Oil  | Weather & Ozone | Hydrolysis | Petrol | Concentrated acids | Alcohol | Oxidation |
|---------------|-----------------|------|-----------------|------------|--------|--------------------|---------|-----------|
| Silicone, SIL | Good            | Poor | Excellent       | Fair       | Poor   | Poor               | Good    | Excellent |

## ORDERING INFORMATION

| Complete suction cups |                                            | Art. No. |
|-----------------------|--------------------------------------------|----------|
| A                     | Suction cup BL50-5 Silicone, G1/2" male    | 0122961  |
| B                     | Suction cup BL50-5 Silicone, 1/2" NPT male | 0122962  |



| Rubber part                 | Art. No. |
|-----------------------------|----------|
| Suction cup BL50-5 Silicone | 0121520  |



| Description                | Art. No. |
|----------------------------|----------|
| Fitting G1/2" male, bag    | 0113117  |
| Fitting 1/2" NPT male, bag | 0113140  |

Suction cups  
BL