

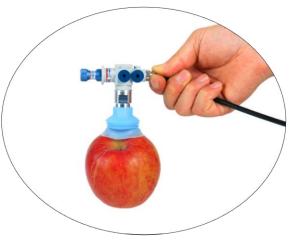


**OVMECA**<sup>™</sup>

# **Dual Structure**

- Excellent for irregular curved surface and rough surface
- If one lip is fail, other lip covers







## **BL5040**

#### **Features and Strengths**

Excellent for irregular curved surface and rough surface Dual lip structure to increase safety caused by lip worn and torn

#### Examples of use

Food (Fruits), Eggs, Plastic products, Plastic bags

#### **Recommended Lifting Force (Max.)**

| Model  | Volume (cm <sup>3</sup> ) | Lifting Force (Kg) - Perpendicular |          |          |
|--------|---------------------------|------------------------------------|----------|----------|
|        |                           | - 20 kPa                           | - 60 kPa | - 90 kPa |
| BL5040 | 32.30                     | 1.90                               | 3.98     | 5.25     |

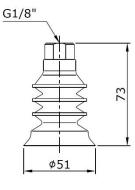
#### **Material Specifications**

| Material      | Hardness Shore (°) | Color            | Temperature (°C) |
|---------------|--------------------|------------------|------------------|
| NBR (Nitrile) | 60                 | Black            | -20~110          |
| Silicone - S5 | 55                 | Red              | -70~200          |
| Silicone - S3 | 30                 | Translucent Blue | -70~200          |

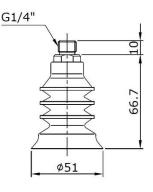
#### Material Resistance

| Description     | NBR (Nitrile) | Silicone  |
|-----------------|---------------|-----------|
| Wear Resistance | Excellent     | Good      |
| Oil             | Excellent     | Poor      |
| Weather / Ozone | Fair          | Excellent |
| Alcohol         | Good          | Good      |
| Acid            | Fair          | Poor      |

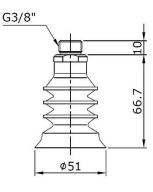
[Unit:mm]

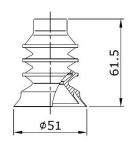


[With 18F fitting]



[With 14M fitting]





[With 38M fitting]



### Build an Ordering No.

| BL5040 - O - O<br>1. Suction Cup 2. 1 | - O   |                   |
|---------------------------------------|---|-------------------|
| 1. Suction cup                        | Description   | Ordering No.      |
|                                       | Dual lip structure suction cup, inner 40mm - outer 50mm diameter, Nitrile (NBR)           | BL5040-N          |
|                                       | Dual lip structure suction cup, inner 40mm - outer 50mm diameter, Silicone – Hardness 55° | BL5040-S5         |
|                                       | Dual lip structure suction cup, inner 40mm - outer 50mm diameter, Silicone – Hardness 30° | BL5040-S3         |
|                                       |   |                   |
| 2. Fitting                            | Description   | Ordering No.      |
| 2. Fitting                            | Description   Fitting, G1/8 female  | Ordering No.      |
| 2. Fitting                            |   |                   |
| 2. Fitting                            | Fitting, G1/8 female  | 18F               |
| 2. Fitting                            | Fitting, G1/8 female<br>Fitting, G1/4 male  | 18F<br>14M        |
| 2. Fitting                            | Fitting, G1/4 male<br>Fitting, G3/8 male  | 18F<br>14M<br>38M |

#### Spare Parts – Rubber Parts

| Model No. | Description   | Color            |
|-----------|---|------------------|
| BL5040-N  | Dual lip structure suction cup, inner 40mm - outer 50mm diameter, Nitrile (NBR)           | Black            |
| BL5040-S5 | Dual lip structure suction cup, inner 40mm - outer 50mm diameter, Silicone – Hardness 55° | Red              |
| BL5040-S3 | Dual lip structure suction cup, inner 40mm - outer 50mm diameter, Silicone – Hardness 30° | Translucent Blue |

#### Spare Parts – Fittings

| Model No.          | Description                       |
|--------------------|-----------------------------------|
| 18F/350-005-0101   | Fitting, G1/8 female              |
| 14M/350-005-0202   | Fitting, G1/4 male                |
| 38M/350-005-0302   | Fitting, G3/8 male                |
| 18F-F/350-005-0103 | Fitting, G1/8 female, Mesh filter |
| 14M-F/350-005-0204 | Fitting, G1/4 male, Mesh filter   |
| 38M-F/350-005-0304 | Fitting, G3/8 male, Mesh filter   |