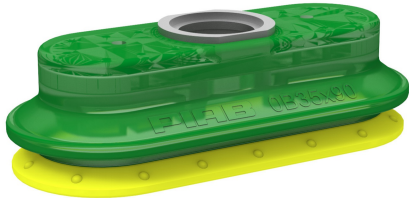


Suction cup OB35x90P Polyurethane 30/60

Article number: 0109913



- Suitable for level adjustment. Can handle objects with height differences and varying shapes, for example embossed or corrugated plates.
- Lifting movement to separate small and thin objects.
- In the two coloured suction cup, the bellows and the sealing lip are of different hardnesses, which makes the suction cup strong and stable and, at the same time, soft and flexible.
- DURAFLEX® are suction cups manufactured in a specially developed material that features the elasticity of rubber and wear resistance of polyurethane. The material does not leave any marks on the objects handled.

Technical data

| Description | Unit | Value |
|-------------------------|-----------------|------------------------|
| Suction cup shape | - | Bellows |
| Application | - | Corrugated / cardboard |
| Suction cup design | - | Oval |
| Characteristics | - | Corrugated / cardboard |
| Material | - | Polyurethane (PU) |
| Weight, min. | g | 55 |
| Suction cup model | - | OB |
| Volume | cm ³ | 38 |
| Height | mm | 27.2 |
| Length | mm | 95.6 |
| Outer diameter, min. | mm | 95.6 |
| Fitting size | - | None |
| Fitting option | - | None |
| Fitting style | - | None |
| Fitting type | - | None |
| Width | mm | 42.4 |
| Suction cup model | - | OB35x90P PU30 PU60 |
| Movement, vertical max. | mm | 10.5 |
| Curve radius, min. | mm | 30 |

Performance - Lifting forces

| OB35x90P PU30 PU60 | Vertical (N) | Parallel (N) |
|--------------------|--------------|--------------|
| 20 -kPa | 42 | 48 |
| 60 -kPa | 119 | 73 |
| 90 -kPa | 174 | 100 |

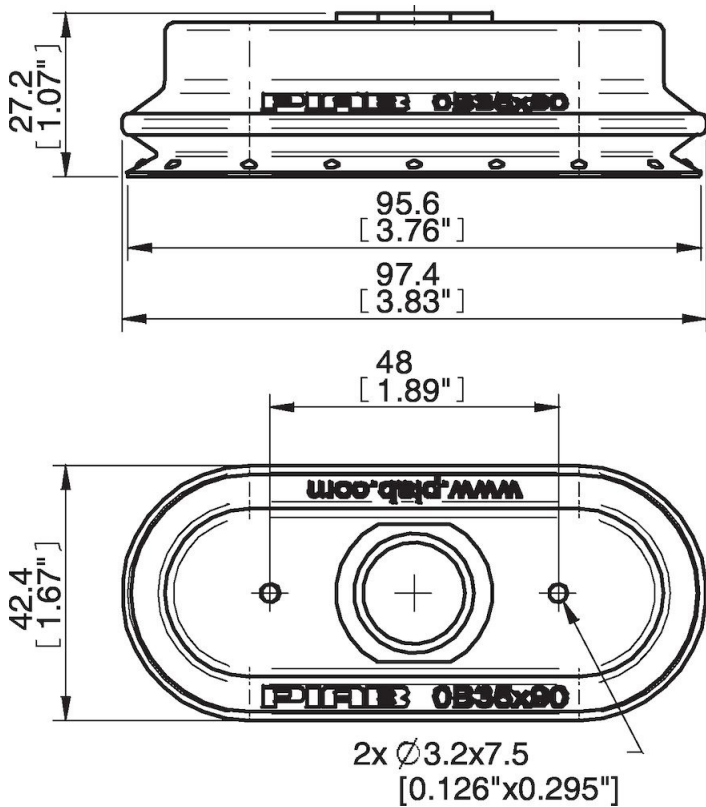
Material

| | | |
|------------------------|---------------------|---------------------|
| Name | Polyurethane (PU30) | Polyurethane (PU60) |
| Colour | Yellow | Green transparent |
| Temperature, min. °C | 10 | 10 |
| Temperature max. °C | 50 | 50 |
| Hardness °Shore A | 30 | 60 |

Material resistance

| | | |
|--------------------|-----------|-----------|
| Alcohol | n/a | n/a |
| Concentrated acids | Fair | Fair |
| Ethanol | Fair | Fair |
| Hydrolysis | Fair | Fair |
| Methanol | Poor | Poor |
| Oil | Excellent | Excellent |
| Oxidation | Poor | Poor |
| Petrol | Fair | Fair |
| Wear resistance | Excellent | Excellent |
| Weather and ozone | Excellent | 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.