

Item no: 0109913

## Suction cup OB35x90P Polyurethane 30/60

The oval suction cups are suitable for handling of long and narrow objects and surfaces when maximum lifting force is desired. Oval suction cups are specially suitable for irregular surfaces and when level compensation is desired. This program of oval suction cups has characteristics that are specially suited... for handling of metal-sheet material.

- 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.

### General

Application Corrugated / cardboard

Suction cup shape Oval Bellows Material PU30, PU60

Suction cup model OB Weight  $55 \, \mathrm{g}$  Volume  $38 \, \mathrm{cm}^3$ 

Suction cup model OB35x90P PU30 PU60

Movement, vertical max. 10.5 mm Curve radius, min. 30 mm

#### Fitting

Fitting option None
Fitting size None
Fitting style None
Fitting type None

#### Dimension

Height 27.2 mm
Outer diameter 95.6 mm
Width 42.4 mm

## Performance - lifting forces

 OB35x90P PU30 PU60
 ♣
 ♣

 20 -kPa
 42 N
 48 N

 60 -kPa
 119 N
 73 N

 90 -kPa
 174 N
 100 N

#### Material

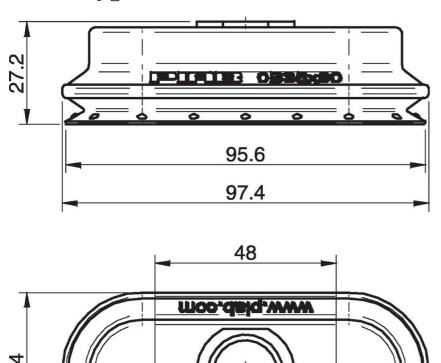
Name PU30 PU60

Colour Yellow GreenTransparent

Temperature  $10 - 50 \, ^{\circ}\text{C}$   $10 - 50 \, ^{\circ}\text{C}$  Hardness  $30 \, ^{\circ}\text{Shore A}$   $60 \, ^{\circ}\text{Shore A}$ 

PU30 PU60 Alcohol n/a n/a Concentrated acids + Ethanol Hydrolysis + Methanol Oil +++ Oxidation Petrol Wear resistance Weather and ozone +++ +++

# Dimensional drawings $\triangle$



Values specified in the data sheet are tested at:

Room temperature: (20°C [68°F] ± 3°C [5.5°F])

Standard atmosphere: (101.3 [29.9 inHg] ± 1.0 kPa [0.3 inHg])

2x Ø3.2x7.5

• Relative humidity: 0-100%

• Compressed air quality: DIN ISO 8573-1 class 4