



Item no: 3150107P

## Suction cup B75 Nitrile-PVC

Several short bellows cups in one lifting device can handle objects with height differences and varying shapes. The bellows also provide a slight lifting movement to separate thin items. Materials used are silicone, conductive silicone, chloroprene, HNBR and nitrile-PVC.

- Suitable for level adjustment. Several short bellows in one lifting device can handle objects with height differences and varying shapes, for example embossed or corrugated plates.
- The lifting movement can be used to separate small and thin objects.
- Only lightweight objects should be handled when the lifting force is parallel to the surface of the object, in order to achieve good precision and safe lifting movement.

### General

Item number, alternative	B75.30
Application	PlasticInjectionMoldedParts, DrySheetMetal
Suction cup shape	Bellows
Material	Nitrile-PVC (NPV)
Suction cup model	B
Weight	35 g
Volume	110 cm <sup>3</sup>
Suction cup model	B75
Movement, vertical max.	24 mm
Curve radius, min.	40 mm

### Fitting



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

#### Dimension

Height	37.3 mm
Outer diameter, actuated	88.7 mm
Outer diameter	82.2 mm

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#### Performance - lifting forces

	B75		
20 -kPa		74 N	62.4 N
60 -kPa		167 N	122.4 N
90 -kPa		226 N	154.1 N

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#### Material

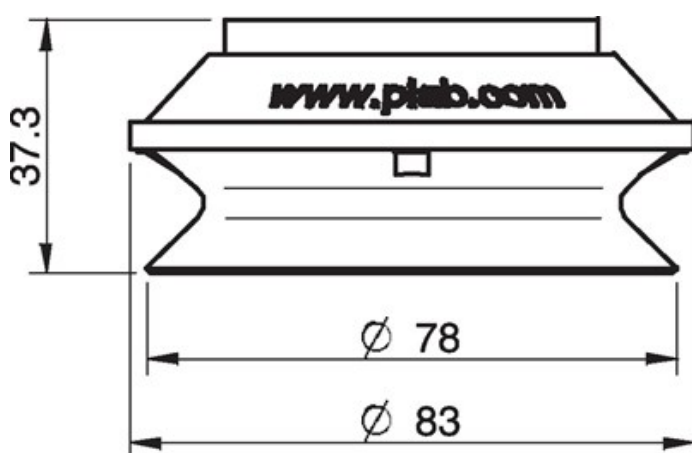
Name	NPV
Colour	Black
Temperature	0 - 90 °C
Hardness	50 °Shore A

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

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#### Dimensional drawings



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])
  - Relative humidity: 0-100%
  - Compressed air quality: DIN ISO 8573-1 class 4
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#### Accessories

0127821 | Fitting 1/4" NPT female Al, with mesh filter & 10-32 addl. conn.

0127819 | Fitting 1/8" NPSF female Al, with mesh filter

0100548 | Fitting 75, 1/8" NPSF female, with mesh filter

0100553 | Fitting 75, 3/8" NPSF female, with mesh filter

0100555 | Fitting 75, G1/2" female, with mesh filter

0100551 | Fitting 75, G3/8" female, with mesh filter

0127820 | Fitting G1/2" female Al, with mesh filter