

Item no: 0101105

## Suction cup B40 Chloroprene

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	E12024050
Application	PlasticInjectionMoldedParts, DrySheetMetal
Suction cup shape	Bellows
Material	Chloroprene (CR)
Suction cup model	B
Weight	10 g
Volume	15 cm <sup>3</sup>
Suction cup model	B40
Movement, vertical max.	13.5 mm
Curve radius, min.	20 mm

### Fitting



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

Dimension

Height	28 mm
Outer diameter	46 mm

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Performance - lifting forces

	B40		
20 -kPa		22 N	17.1 N
60 -kPa		39 N	26.3 N
90 -kPa		49 N	30.5 N

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Material

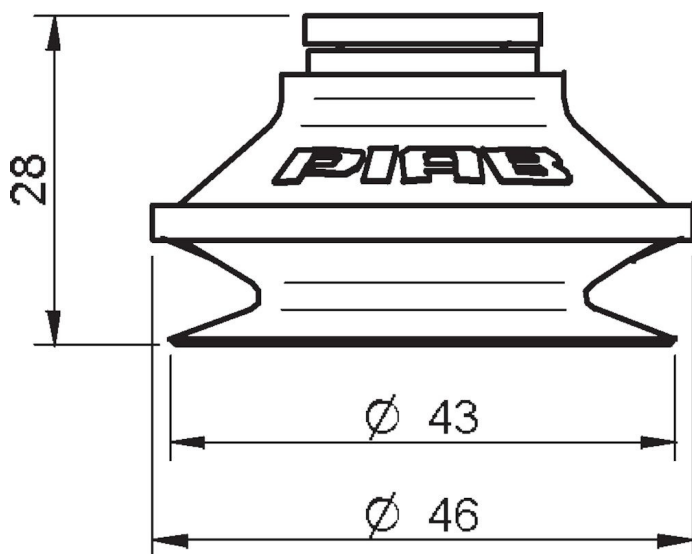
Name	CR
Colour	Black
Temperature	-40 - 110 °C
Hardness	50 °Shore A

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	CR
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

3251008	Fitting 1/4" NPT male, with dual flow control valve
3250093	Fitting 1/4" NPT male, with mesh filter
3250005	Fitting 1/8" NPSF female, 30–40
3150197	Fitting 1/8" NPSF female, 30–40, PA
3251006	Fitting 1/8" NPSF female, 30–40, with dual flow control valve
0101153	Fitting 1/8" NPSF female, 30–40, with mesh filter
3251010	Fitting 3/8" NPT male, with dual flow control valve
3250089	Fitting 3/8" NPT male, with mesh filter
0100261	Fitting 5x1/8" NPSF female, 30–40
3251011	Fitting 5x1/8" NPSF female, 30–40, with dual flow control valve
3250091	Fitting G1/4" male, 30–40, with mesh filter
3251007	Fitting G1/4" male, 30–40, with mesh filter and dual flow control valve
0200714	Fitting G1/8" male, 40, with mesh filter
3251009	Fitting G3/8" male, 30–40, with mesh and dual flow control valve
3250086	Fitting G3/8" male, 30–40, with mesh filter