

Suction cup B75-2 Silicone, G1/2" female, with mesh filter

, 0101861



- 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.
- Lifting movement 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

Curve radius	40 mm
Movement, vertical max.	24 mm
Application	Plastic injection molded parts, Dry sheet metal
Material	Silicone (SIL)
Suction cup model	B
Suction cup shape	Bellows
Volume	110 cm ³
Weight	118 g

Fitting

Fitting size	1/2"
Fitting style	Female
Fitting type	G-thread
Fitting option	Filter mesh

Dimension

Height	50 mm
Outer diameter	78 mm

Performance — lifting forces

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

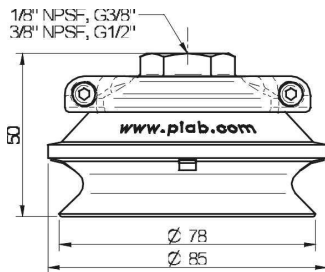
Material

	Silicone (SIL)
Colour	Red
Hardness	50 °Shore A
Temperature	-40 – 200 °C

Material resistance

	Silicone (SIL)
Alcohol	++
Concentrated acids	-
Ethanol	N/A
Hydrolysis	+
Methanol	N/A
Oil	-
Oxidation	+++
Petrol	-
Wear resistance	++
Weather and ozone	+++

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

Spare parts

	Item no.
Fitting 75, G1/2" female, with mesh filter	0100555
Suction cup B75-2 Silicone with filter	0101943

Accessories

	Item no.
Filter D=80, 10 pcs, for B75-2	0201149
Fitting 1/4" NPT female Al, with mesh filter & 10-32 addl. conn.	0127821
Fitting 1/8" NPSF female Al, with mesh filter	0127819
Fitting 75, 1/8" NPSF female, with mesh filter	0100548
Fitting 75, 3/8" NPSF female, with mesh filter	0100553
Fitting 75, 3/8" female, with mesh filter	0100551
Fitting G1/2" female Al, with mesh filter	0127820
Suction cup B75-2 Nitrile-PVC with filter	0101942
Suction cup B75-2 Nitrile-PVC, with filter & washer	3150096P
Suction cup B75-2 Silicone, with filter & washer	3150096S