

# Suction cup B75-2 Silicone with filter, 3/8" NPSF female, with mesh filter, 0101860



- 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 <sup>3</sup>
Weight	120 g

## Fitting

Fitting size	1/8"
Fitting style	Female
Fitting type	NPSF-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

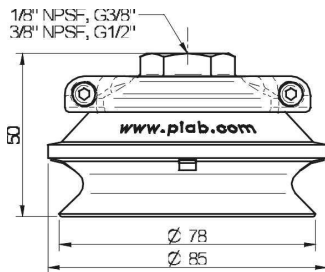
## Material

	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, 3/8" NPSF female, with mesh filter	0100553
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, G1/2" female, with mesh filter	0100555
Fitting 75, G3/8" 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