

Suction cup B20 Silicone, G1/8" male, with mesh filter 1.5 Bellows, 0101172



- 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	E12022023
Curve radius	10 mm
Movement, vertical max.	10 mm
Application	Plastic injection molded parts, Dry sheet metal
Material	Silicone (SIL)
Weight	3.2 - 5 g

Performance — lifting forces

		
20 -kPa	5.9 N	2.9 N
60 -kPa	9.8 N	5.4 N
90 -kPa	14 N	8.22 N

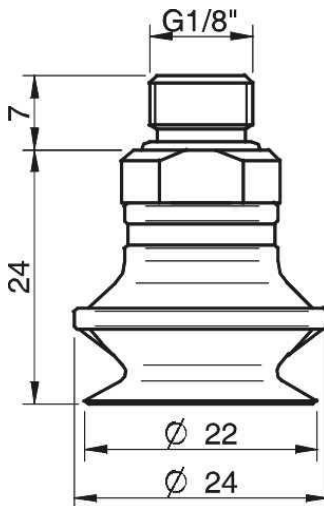
Material

	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



Diameter	20 mm (A)
Thread	G 1/8 in (B)

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.
Suction cup B20 Silicone	0101102
Fitting G1/8" male, with mesh filter	3250085

Accessories

	Item no.
Suction cup B20 HNBR	0128712
Fitting M5 female, with dual flow control valve	3251001
Fitting M5 female	3250003
Fitting G1/8" male/M5 female, with mesh filter	0101152
Fitting G1/8" male/M5 female, with dual flow control valve	3251004
Fitting G1/8" male/M5 female, PA	3150196
Fitting G1/8" male/M5 female	3250004
Fitting 5xM5 female, with dual flow control valve	3251005
Fitting 5xM5 female	0100260
Fitting 1/8" NPT male, with mesh filter	3250088
Fitting 1/8" NPT male, with dual flow control valve	3251003