



Item no: 0101130

## Suction cup F20 Silicone

- Suitable for flat objects.
- Good stability and little inherent movement.
- Recommended when the lifting force is parallel to the surface of the object.
- Cleats prevent thin, sensitive objects from being deformed and gives extra friction when the lifting force is parallel.



### General

Item number, alternative	E12012020
Suction cup shape	Flat
Application	Dry sheet metal
Suction cup design	Round
Characteristics	Dry sheet metal
Material	Silicone (SIL)
Suction cup model	F
Weight	1.2 g
Volume	1 cm <sup>3</sup>
Suction cup model	F20
Movement, vertical max.	1.2 mm
Curve radius, min.	18 mm

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

Height	8 mm
Outer diameter, actuated	23.2 mm
Outer diameter	22 mm

Performance - lifting forces

	F20		
20 -kPa		6 N	5 N
60 -kPa		14.5 N	8 N
90 -kPa		19 N	8.5 N

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Material

Name	
Colour	Red
Temperature	-40 - 200 °C
Hardness	50 °Shore A

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

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Dimensional drawings 

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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

3251001 | Fitting M5 female, with dual flow control valve

3250003 | Fitting M5 female

0101152 | Fitting G1/8" male/M5 female, with mesh filter

3251004 | Fitting G1/8" male/M5 female, with dual flow control valve

3150196 | Fitting G1/8" male/M5 female, PA

3250004 | Fitting G1/8" male/M5 female

3250085 | Fitting G1/8" male, with mesh filter

3251005 | Fitting 5xM5 female, with dual flow control valve

0100260 | Fitting 5xM5 female

3250088 | Fitting 1/8" NPT male, with mesh filter

3251003 | Fitting 1/8" NPT male, with dual flow control valve