



Item no: 0200417

Suction cup F20 Silicone FCM

- The silicone material complies with FDA 21 CFR 177.2600 & EU 1935/2004.
- · 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

Suction cup shape Flat

Application Food contact materials (FDA & EU), non-detectable

Suction cup design Round

Characteristics Food contact materials (FDA & EU), non-detectable

Material Silicone (SIL)

Suction cup model F
Weight 1.2 g
Volume 1 cm³
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	Â	→
20 -kPa		6 N	5 N
60 -kPa		14.5 N	8 N
90 -kPa		19 N	8.5 N

Material

Name

Colour Transparent
Temperature -40 - 200 °C
Hardness 50 °Shore A

 Alcohol
 ++

 Concentrated acids

 Ethanol
 n/a

 Hydrolysis
 +

 Methanol
 n/a

 Oil

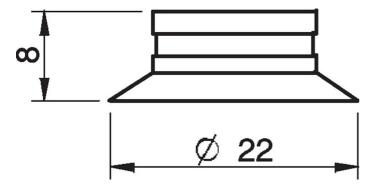
 Oxidation
 +++

 Petrol

 Wear resistance
 ++

 Weather and ozone
 +++

Dimensional drawings 🔓



Values specified in the data sheet are tested at:

- Room temperature: $(20^{\circ}C [68^{\circ}F] \pm 3^{\circ}C [5.5^{\circ}F])$
- 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

Accessories

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

3250085 Fitting G1/8" male, with mesh filter

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

