

# Suction cup F25 Silicone, G1/8" male/M5 female, with mesh filter, F25.20.02AF

- 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

Curve radius	0.87 in
Movement, vertical max.	0.05 in
Application	Dry sheet metal
Material	Silicone (SIL)
Suction cup model	F
Suction cup shape	Flat
Volume	0.07 in <sup>3</sup>
Weight	0.06 oz

## Fitting

Fitting size	1/8", M5
Fitting style	Female/Male
Fitting type	G-thread, M-thread
Fitting option	Filter mesh

## Dimension

Height	0.65 in
Outer diameter	1.06 in
Outer diameter, actuated	1.10 in

## Performance — lifting forces

		
6 -inHg	2.02 lbf	1.8 lbf
18 -inHg	4.38 lbf	2.02 lbf
27 -inHg	5.62 lbf	2.25 lbf

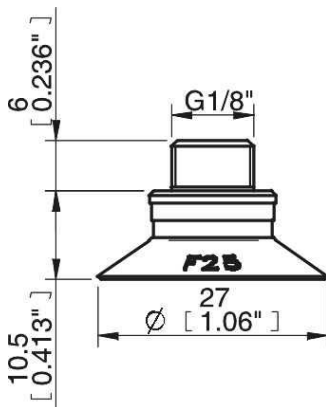
## Material

	Silicone (SIL)
Color	Red
Hardness	50 °Shore A
Temperature	-40 – 392 °F

## Material resistance

	Silicone (SIL)
Alcohol	++
Concentrated acids	-
Ethanol	N/A
Hydrolysis	+
Methanol	N/A
Oil	-
Oxidation	+++
Gasoline	-
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

	Part no.
Suction cup F25 Silicone	F25.20
Fitting G1/8" male/M5 female, with mesh filter	02AF

## Accessories

	Part no.
Suction cup F25 Chloroprene	F25.10
Fitting M5 female, with dual flow control valve	02DA
Fitting M5 female	02AA
Fitting G1/8" male/M5 female, with dual flow control valve	02DD
Fitting G1/8" male/M5 female, PA	02CD
Fitting G1/8" male/M5 female	02AD
Fitting G1/8" male, with mesh filter	02AB
Fitting 5xM5 female, with dual flow control valve	02DE
Fitting 5xM5 female	02AE
Fitting 1/8" NPT male, with mesh filter	02AC
Fitting 1/8" NPT male, with dual flow control valve	02DC