

Suction cup F50-2 Silicone FCM, G1/4" male, with mesh filter, F50-2.21.05AB



- 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

Curve radius	2.17 in
Movement, vertical max.	0.12 in
Application	Food contact materials (FDA & EU), non-detectable
Material	Silicone (SIL FDA)
Suction cup model	F
Suction cup shape	Flat
Volume	0.61 in ³
Weight	0.49 oz

Fitting

Fitting size	1/4"
Fitting style	Male
Fitting type	G-thread
Fitting option	Filter mesh

Dimension

Height	1.28 in
Outer diameter	2.09 in

Performance — lifting forces

		
6 -inHg	8.09 lbf	5.4 lbf
18 -inHg	16.6 lbf	8.99 lbf
27 -inHg	21.6 lbf	11.2 lbf

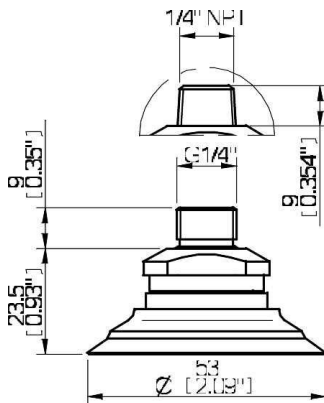
Material

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

Material resistance

	Silicone (SIL FDA)
Alcohol	++
Concentrated acids	-
Ethanol	N/A
Hydrolysis	+
Methanol	N/A
Oil	-
Oxidation	+++
Gasoline	-
Wear resistance	++
Weather and ozone	+++

Dimensional drawings



Spare parts

	Part no.
Fitting G1/4" male, 50, with mesh filter	05AB
Suction cup F50-2 Silicone FCM	F50-2.21

Accessories

	Part no.
Fitting 1/4" NPT male, with mesh filter	05AC
Fitting 1/8" NPSF female, 50, with mesh filter	05AG