

Suction cup F50-2 Silicone, 1/8" NPSF female, with cone valve, F50-2.20.05UV



- 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.	0.09 in
Application	Dry sheet metal
Material	Silicone (SIL)
Suction cup model	F
Suction cup shape	Flat
Volume	0.61 in ³
Weight	0.49 oz

Fitting

Fitting size	1/8"
Fitting style	Female
Fitting type	NPSF-thread
Fitting option	Cone valve

Dimension

Height	1.02 in
Outer diameter	2.09 in
Outer diameter, actuated	2.15 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

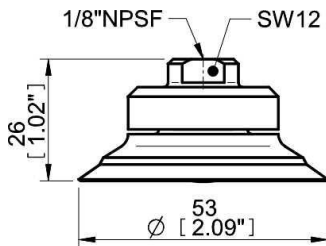
Material

	Silicone (SIL)
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



Spare parts

	Part no.
Suction cup F50-2 Silicone	F50-2.20
Fitting 1/8" NPSF female, 50, with cone valve	05UV

Accessories

	Part no.
Suction cup F50-2 Nitrile-PVC	F50-2.30
Suction cup F50-2 HNBR	F50-2.37
Suction cup F50-2 Nitrile-PVC	31.50.241P
Suction cup F50-2 Silicone, for fitting with cone valve	31.50.241S