

Suction cup F110 Silicone, G1/2" female, clamp ring with mesh filter, F110.20.11NC



- 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	9.8 in
Movement, vertical max.	0.16 in
Application	Dry sheet metal
Material	Silicone (SIL)
Suction cup model	F
Suction cup shape	Flat
Volume	4.27 in ³
Weight	2.33 oz

Fitting

Fitting size	1/2"
Fitting style	Female
Fitting type	G-thread
Fitting option	Filter mesh

Dimension

Height	1.43 in
Outer diameter	4.41 in
Outer diameter, actuated	4.54 in

Performance — lifting forces

		
6 -inHg	31.5 lbf	31.5 lbf
18 -inHg	94.4 lbf	56.2 lbf
27 -inHg	126 lbf	67.4 lbf

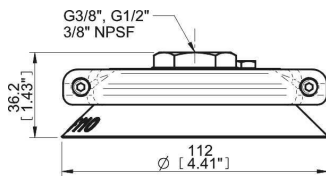
Material

	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 F110 Silicone	F110.20
Fitting 110, G1/2" female, clamp ring with mesh filter	11NC

Accessories

	Part no.
Suction cup F110 Nitrile-PVC with washer	F110.30.W
Suction cup F110 Silicone with washer	F110.20.W
Suction cup F110 HNBR with washer	F110.37.W
Suction cup F110 Nitrile-PVC	F110.30
Suction cup F110 HNBR	F110.37
Fitting 110 G3/8" female, clamp ring with mesh filter	11NA
Fitting 110, 3/8" NPSF female, with mesh filter	11NB
Fitting 110, G1/2" female, with cone valve	11VC
Fitting G1/2" female AL, with mesh filter	11UA