

# Suction cup F110 Silicone, 3/8" NPSF female, clamp ring with mesh filter, F110.20.11NB



- 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 <sup>3</sup>
Weight	2.33 oz

## Fitting

Fitting size	1/8"
Fitting style	Female
Fitting type	NPSF-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

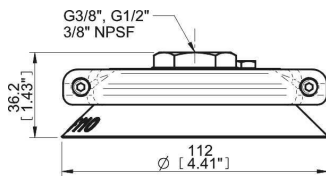
## Material

	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, 3/8" NPSF female, with mesh filter	11NB

## 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, G1/2" female, clamp ring with mesh filter	11NC
Fitting 110, G1/2" female, with cone valve	11VC
Fitting G1/2" female AL, with mesh filter	11UA