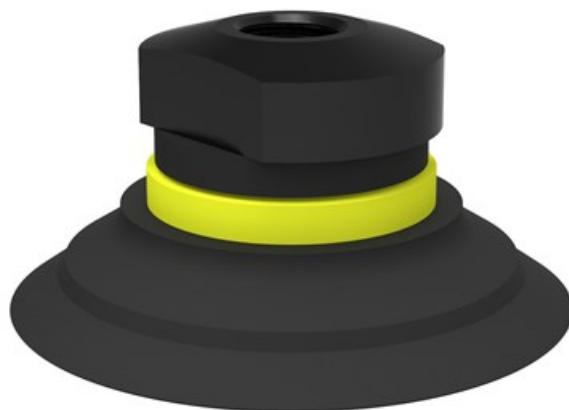




Item no: F50-2.30.05AG

Suction cup F50-2 Nitrile-PVC, 1/8" NPSF female, with mesh filter

- 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

Suction cup shape	Flat
Application	Dry sheet metal
Suction cup design	Round
Characteristics (for filtering)	Dry sheet metal
Material	Nitrile-PVC (NPV)
Suction cup model	F
Weight	0.49 oz
Volume	0.61 in ³
Suction cup model	F50-2
Movement, vertical max.	0.087 in
Curve radius, min.	2.17 in

Fitting option	Filter mesh
Fitting size	1/8"
Fitting style	Female
Fitting type	NPSF-thread

Height	1.043 in
Outer diameter, actuated	2.15 in
Outer diameter	2.087 in

Performance - lifting forces

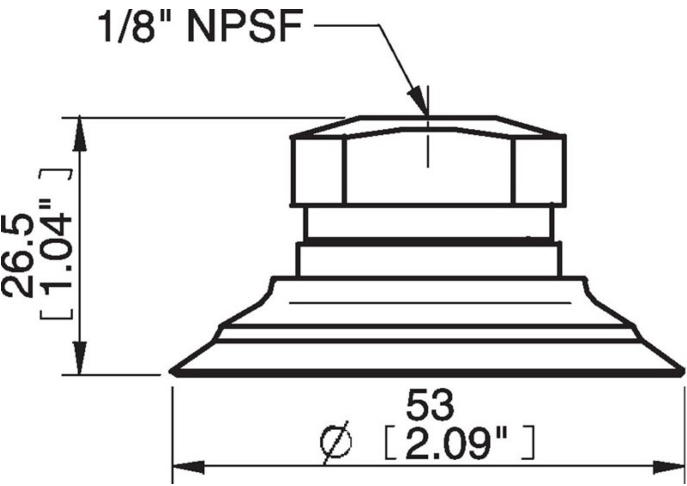
	F50-2		
5.91 -inHg		8.093 lbf	5.4 lbf
17.72 -inHg		16.64 lbf	8.99 lbf
26.58 -inHg		21.58 lbf	11.24 lbf

Material

Name	
Color	Black
Temperature	32 - 194 °F
Hardness	50 °Shore A

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

Accessories

F50-2.20 | Suction cup F50-2 Silicone

F50-2.37 | Suction cup F50-2 HNBR

31.50.241P | Suction cup F50-2 Nitrile-PVC

31.50.241S | Suction cup F50-2 Silicone, for fitting with cone valve

05DD | Fitting G3/8" male, 50, with mesh filter and dual flow control valve

05AD | Fitting G3/8" male, 50, with mesh filter

05DB | Fitting G1/4" male, with dual flow control valve

05AB | Fitting G1/4" male, 50, with mesh filter

05DF | Fitting 5x1/8" NPSF female, 50, with dual flow control valve

05AF | Fitting 5x1/8" NPSF female, 50

05AE | Fitting 3/8" NPT male, with mesh filter

05DE | Fitting 3/8" NPT male, with dual flow control valve

05DA | Fitting 1/8" NPSF female, 50, with dual flow control valve

05UV | Fitting 1/8" NPSF female, 50, with cone valve

05CA | Fitting 1/8" NPSF female, 50, PA

05AA | Fitting 1/8" NPSF female, 50

05AC | Fitting 1/4" NPT male, with mesh filter

05DC | Fitting 1/4" NPT male, with dual flow control valve

Spare parts

F50-2.30 | Suction cup F50-2 Nitrile-PVC

05AG | Fitting 1/8" NPSF female, 50, with mesh filter

31.50.057 | Cone valve for F50-2