

Item no: F20.10

Suction cup F20 Chloroprene

- 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

Item number, alternative	E12012050
Suction cup shape	Flat
Application	Dry sheet metal
Suction cup design	Round
Characteristics	Dry sheet metal
Material	Chloroprene (CR)
Suction cup model	F
Weight	0.042 - 0 oz
Volume	0.061 in ³
Suction cup model	F20
Movement, vertical max.	0.047 in
Curve radius, min.	0.71 in

Fitting option	None
Fitting size	None
Fitting style	None
Fitting type	None

Height	0.31 in
Outer diameter, actuated	0.91 in
Outer diameter	0.87 in

Performance - lifting forces

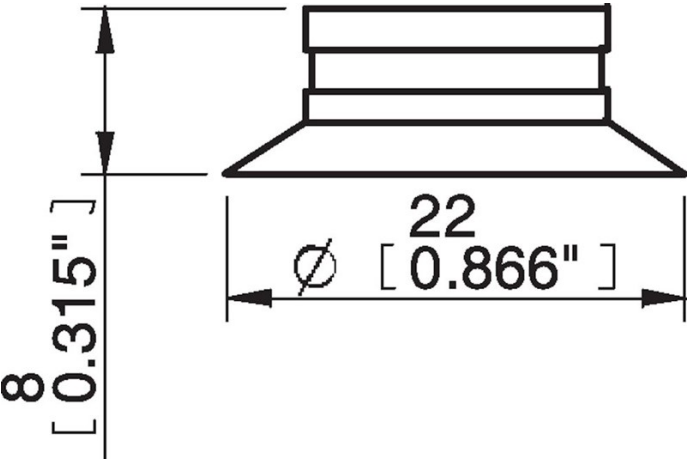
	F20		
5.91 -inHg		1.35 lbf	1.12 lbf
17.72 -inHg		3.26 lbf	1.8 lbf
26.58 -inHg		4.27 lbf	1.91 lbf

Material

Name	
Color	Black
Temperature	-40 - 230 °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

02DA | Fitting M5 female, with dual flow control valve

02AA | Fitting M5 female

02AF | Fitting G1/8" male/M5 female, with mesh filter

02DD | Fitting G1/8" male/M5 female, with dual flow control valve

02CD | Fitting G1/8" male/M5 female, PA

02AD | Fitting G1/8" male/M5 female

02AB | Fitting G1/8" male, with mesh filter

02DE | Fitting 5xM5 female, with dual flow control valve

02AE | Fitting 5xM5 female

02AC | Fitting 1/8" NPT male, with mesh filter

02DC | Fitting 1/8" NPT male, with dual flow control valve