piab Evolving automation



Item no: 02.01.216

Suction cup F26 Silicone FCM

- Designed for opening bags in bag filling stations.
- Also suitable to handle thin and sensitive sheets, such as paper and plastic films.
- The thin, conformable lip and clever cleat pattern prevent sensitive object/sheet to get sucked in and damaged while giving enhanced lifting force.
- FDA approved silicone material.

General

Suction cup shape	Flat
Application	BagOpeningThinPaper, FDA
Suction cup design	Round
Characteristics	FDA, BagOpeningThinPaper
Material	Silicone (SIL)
Suction cup model	F
Weight	0.14 oz
Volume	0.098 in³
Suction cup model	F26 FDA
Movement, vertical max.	0.059 in
Curve radius, min.	0.98 in

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

Height	0.93 in
Outer diameter, actuated	1.075 in
Outer diameter	1.024 in

Performance - lifting forces

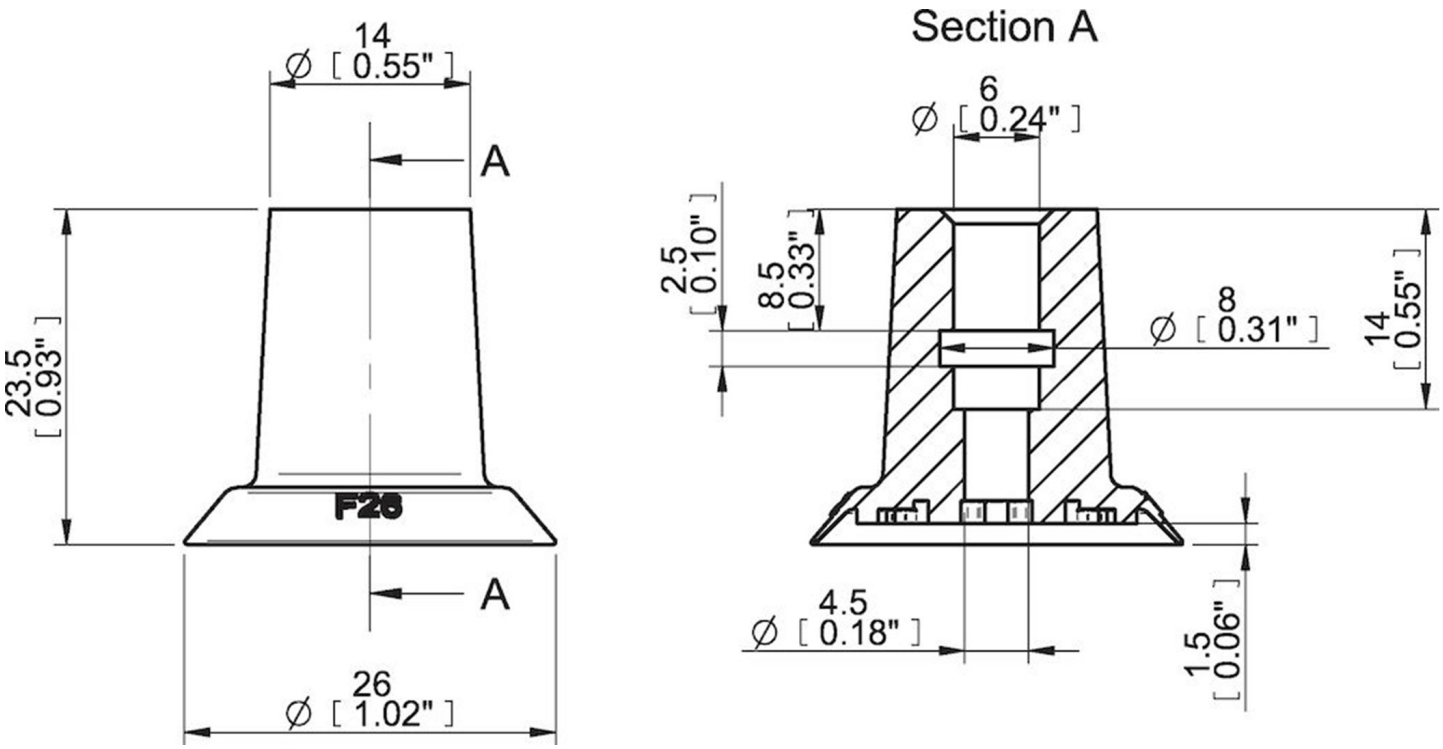
F26 FDA		
5.91 -inHg	2.47 lbf	2.023 lbf
17.72 -inHg	5.62 lbf	4.72 lbf
26.58 -inHg	6.97 lbf	5.85 lbf

Material

Name	
Color	Blue
Temperature	-40 - 392 °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

02.01.967	Fitting G1/4" male
02.01.969	Fitting 1/8" NPSF female