

Suction cup F-OB 20x40 Silicone, G1/4" male SS, detectable, FCM

Item number: FOB20X40.DS40.G14MSS.00



Technical data

Description	Unit	Value
Suction cup shape	-	Bellows
Application	-	Food contact materials (FDA & EU), detectable
Suction cup design	-	Oval
Characteristics	-	Food contact materials (FDA & EU), detectable
Material	-	Silicone (SIL)
Load, torque, max.	lb ft	9.59
Weight, min.	oz	1.48
Suction cup model	-	F-OB
Volume	in ³	0.31
Height	in	1.62
Length	in	1.61
Fitting size	-	1/4"
Fitting option	-	None
Fitting style	-	Male
Fitting type	-	G-thread
Width	in	0.82
Fitting material	-	ASTM 316L, SS
Suction cup model	-	F-OB 20x40
Movement, vertical max.	in	0.30
Curve radius, min.	in	0.35

Performance - Lifting forces

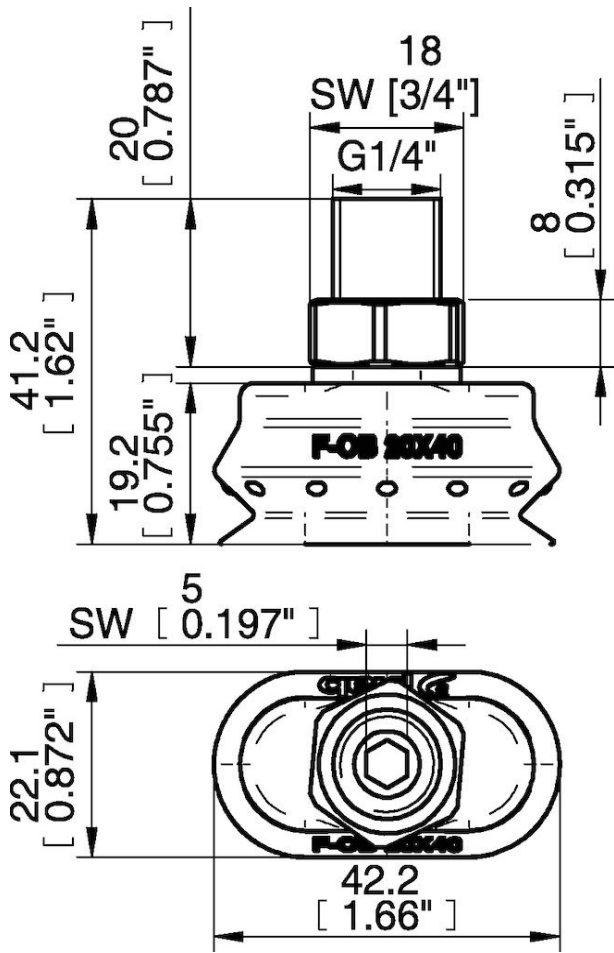
F-OB 20x40	Vertical (lb)	Parallel (lb)
2.95 -inHg	0.74	0.65
5.91 -inHg	1.55	1.35
11.81 -inHg	2.70	2.83

Material	
Name	Silicone (SIL detectable FCM)
Color	Blue
Temperature, min. °F	-40.0
Temperature max. °F	392.0
Hardness °Shore A	40

Material resistance

Alcohol	Good
Concentrated acids	Poor
Ethanol	n/a
Hydrolysis	Fair
Methanol	n/a
Oil	Poor
Oxidation	Excellent
Gasoline	Poor
Wear resistance	Good
Weather and ozone	Excellent

Dimensional drawings



Values specified in this data sheet are tested at (unless otherwise stated):

- 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 20-70%.
- Compressed air quality, DIN ISO 8573-1 class 4.