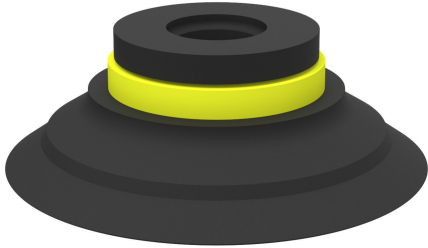


## Suction cup F50-2 Nitrile-PVC

Item number: 31.50.241P



### Technical data

Description	Unit	Value
Suction cup shape	-	Flat
Suction cup design	-	Round
Material	-	Nitrile-PVC (NPV)
Weight, min.	oz	0.49
Suction cup model	-	F
Volume	in <sup>3</sup>	0.61
Height	in	0.69
Outer diameter, min.	in	2.087
Outer diameter, actuated	in	2.15
Fitting size	-	None
Fitting option	-	Cone valve
Fitting style	-	None
Fitting type	-	None
Fitting material	-	None
Suction cup model	-	F50-2
Movement, vertical max.	in	0.087
Curve radius, min.	in	2.17

### Performance - Lifting forces

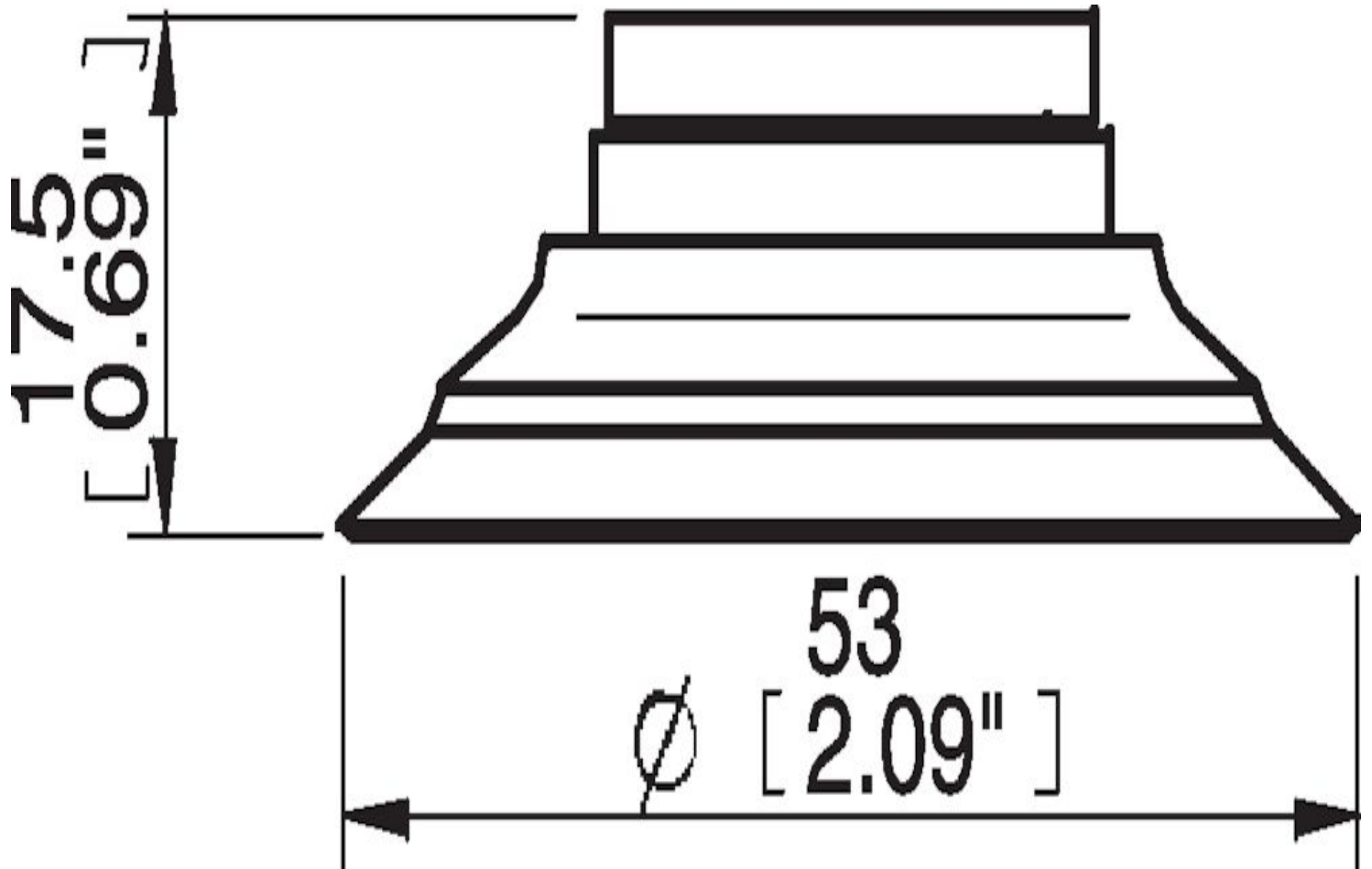
F50-2	Vertical (lb)	Parallel (lb)
5.91 -inHg	8.093	5.4
17.72 -inHg	16.64	8.99
26.58 -inHg	21.58	11.24

Material	
Name	Silicone. SIL 50° Shore A
Color	Red
Temperature, min.   °F	-40
Temperature max.   °F	392
Hardness   °Shore A	50

#### Material resistance

Alcohol	Good
Concentrated acids	Poor
Ethanol	Not applicable
Hydrolysis	Fair
Methanol	Not applicable
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.