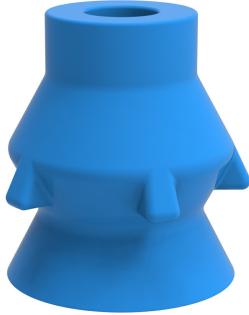


Suction cup P-D36 Silicone detectable, FCM

Item number: PD36.DS40



- The silicone material complies with FDA 21 CFR 177.2600 and EU 1935/2004.
- Long lasting high-end silicone material
- A low percentage metal additive (Fe) is mixed with the rubber material to make it detectable.
- Suitable for pralines, such as chocolates
- Available with male threaded food grade, detectable plastic fittings or acid proof stainless steel fittings.
- Easy to clean with hygienic design. No dust/dirt pockets.
- The recommended sizes for lifting spherical objects is Ø22-28mm for P-D27.
- The recommended sizes for lifting spherical objects is Ø30-37mm for P-D36.

Technical data

Description	Unit	Value
Suction cup shape	-	Deep
Suction cup design	-	Round
Characteristics	-	Food contact materials (FDA & EU). detectable. High/low temp cup (plastic)
Material	-	Silicone (SIL)
Load, torque, max.	lb ft	9.59
Weight, min.	oz	0.38
Suction cup model	-	P-D
Volume	in ³	0.99
Height	in	1.63
Outer diameter, min.	in	1.41
Fitting size	-	None
Fitting option	-	None
Fitting style	-	None
Fitting type	-	None
Fitting material	-	None
Suction cup model	-	P-D36
Curve radius, min.	in	1.46

Performance - Lifting forces

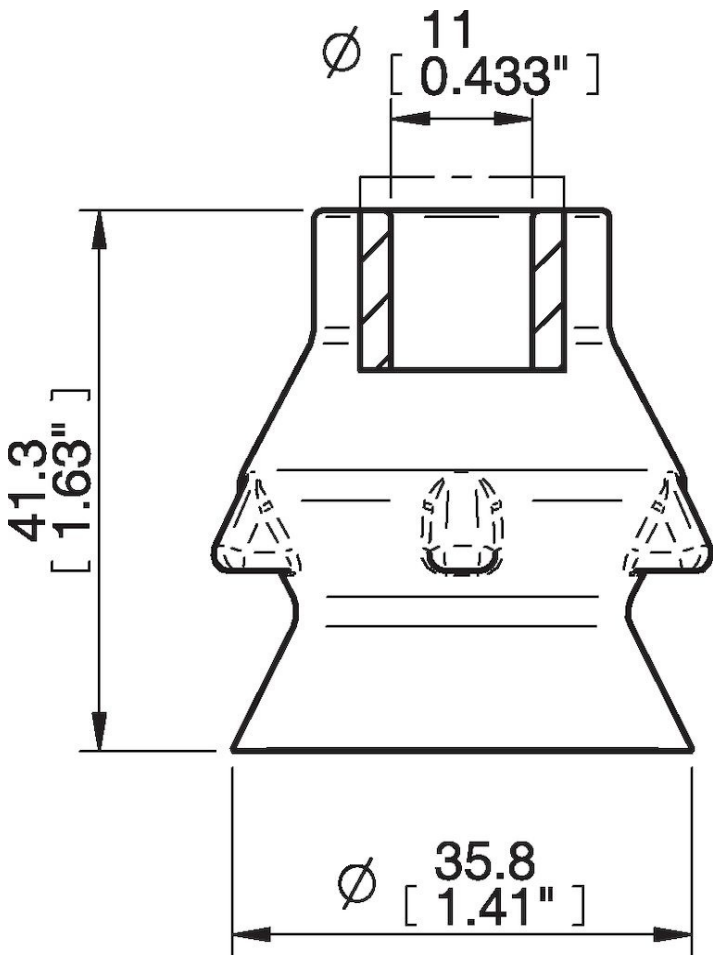
P-D36	Vertical (lb)	Parallel (lb)
2.95 -inHg	1.012	2.74
5.91 -inHg	1.93	3.78
11.81 -inHg	4.27	6.36

Material	
Name	Silicone (SIL detectable FCM)
Color	Blue
Temperature, min. °F	-40
Temperature max. °F	392
Hardness °Shore A	40

Material resistance

Alcohol	Good
Concentrated acids	Poor
Ethanol	Good
Hydrolysis	Fair
Methanol	Good
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.

Accessories

- 02.07.147 | Fitting G1/4" Male, SS, F-BX25-50 P-D36
- 02.07.148 | Fitting 1/4"NPT Male, SS, F-BX25-50 P-D36
- 02.07.149 | Fitting G3/8" Male, SS, F-BX25-50 P-D36
- 02.07.150 | Fitting 3/8"NPT Male, SS, F-BX25-50 P-D36
- 02.07.151 | Fitting G1/4" Male, composite, F-BX25-50 P-D36
- 02.07.152 | Fitting 1/4"NPT Male, composite, F-BX25-50 P-D36
- 02.07.153 | Fitting G3/8" Male, composite, F-BX25-50 P-D36
- 02.07.154 | Fitting 3/8"NPT Male, composite, F-BX25-50 P-D36