

# Datasheet

## Suction cup OF10x30P Polyurethane 50, M5 male

Item number: OF10X30P.4D.13UA



- Suitable for flat and rough surfaces.
- Fair 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 give extra friction when the lifting force is parallel to the surface of the object.
- DURAFLEX® material features the elasticity of rubber in combination with the wear resistance of polyurethane.
- The DURAFLEX® material is mark-free.

### Technical data

Description	Unit	Value
Suction cup shape	-	Flat
Application	-	Mark Free
Suction cup design	-	Oval
Characteristics	-	Mark free
Material	-	Polyurethane (PU)
Weight, min.	oz	0.14
Suction cup model	-	OF
Volume	in <sup>3</sup>	0.031
Height	in	0.57
Length	in	1.21
Outer diameter, min.	in	1.21
Fitting size	-	M5
Fitting option	-	None
Fitting style	-	Male
Fitting type	-	M-thread
Width	in	0.43
Suction cup model	-	OF10x30P
Movement, vertical max.	in	0.039
Curve radius, min.	in	0.59

### Performance - Lifting forces

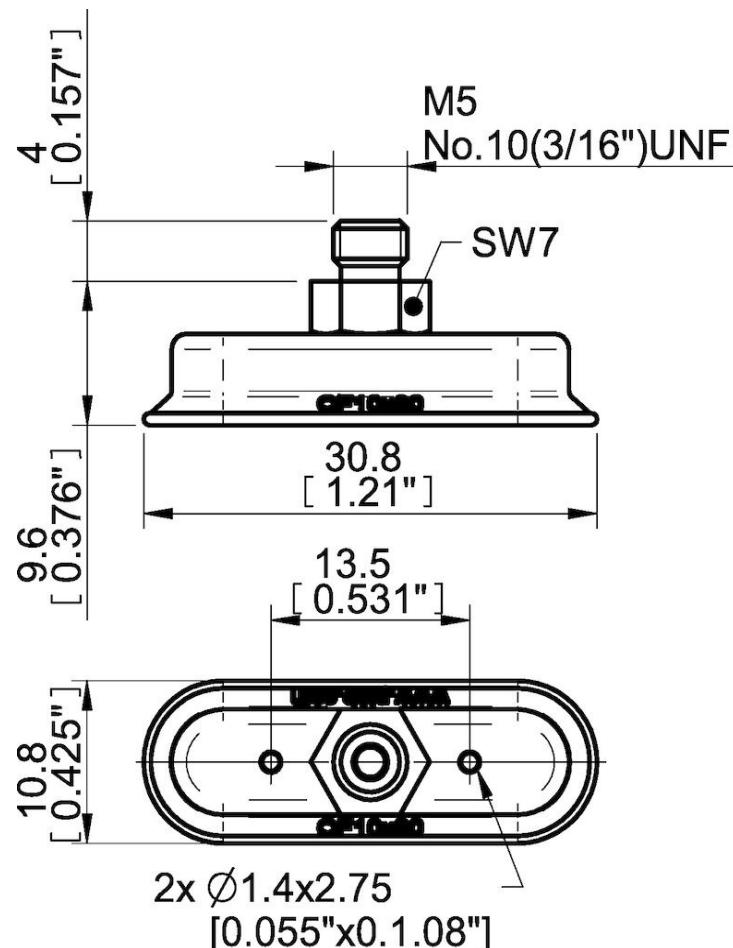
OF10x30P	Vertical (lb)	Parallel (lb)
5.91 -inHg	0.90	1.35
17.72 -inHg	2.47	2.70
26.58 -inHg	3.82	3.82

<b>Material</b>	
Name	Polyurethane (PU50)
Color	Blue transparent
Temperature, min.   °F	50.0
Temperature max.   °F	122.0
Hardness   °Shore A	50

#### Material resistance

Alcohol	n/a
Concentrated acids	Fair
Ethanol	Fair
Hydrolysis	Fair
Methanol	Poor
Oil	Excellent
Oxidation	Poor
Gasoline	Fair
Wear resistance	Excellent
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.