

# Suction cup U10 Silicone, M5 male

Article number: 3150005S



- Suitable for objects with flat or slightly curved surfaces.
- Also used for concave objects.

## Technical data

Description	Unit	Value
Suction cup shape	-	Universal
Application	-	Glass handling
Suction cup design	-	Round
Characteristics	-	Glass handling
Material	-	Silicone (SIL)
Weight, min.	g	0.65
Suction cup model	-	U
Volume	cm <sup>3</sup>	0.18
Height	mm	19
Outer diameter, min.	mm	11
Fitting size	-	M5
Fitting option	-	None
Fitting style	-	Male
Fitting type	-	M-thread
Suction cup model	-	U10
Movement, vertical max.	mm	0.5
Curve radius, min.	mm	8

## Performance - Lifting forces

U10	Vertical (N)	Parallel (N)
20 -kPa	1.5	1.6
60 -kPa	4.4	3.5
90 -kPa	6.9	4.8

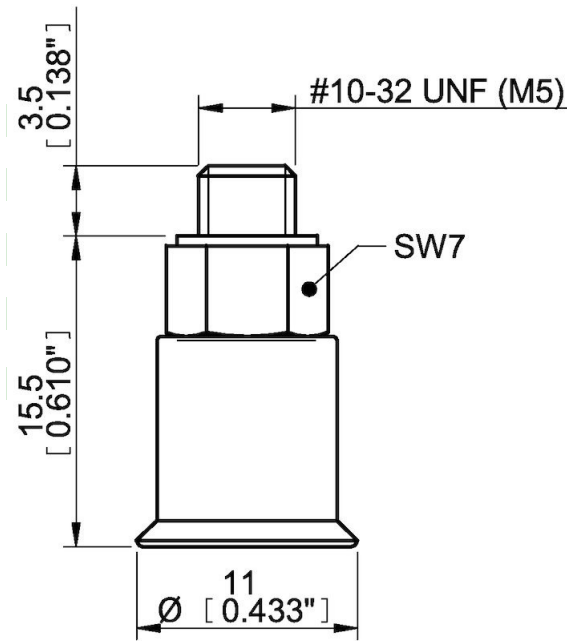
## Material

Name	Silicone, SIL 50° Shore A
Colour	Red
Temperature, min.   °C	-40
Temperature max.   °C	200
Hardness   °Shore A	50

## Material resistance

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

Material and ozone	Excellent
Name	Silicone, SIL 50° Shore A
Dimensional drawings	Red
	-40
	200
	50
	Good
	Poor
	n/a
	Fair
	n/a
	Poor
	Excellent
	Poor
	Good
	Excellent



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

- 0128689 | Suction cup U10 HNBR
- 3150117 | Suction cup U10 Chloroprene

#### Spare parts

- 3107030 | Fitting M5 male, 10–15
- 3150117S | Suction cup U10 Silicone