

# Suction cup U10 Silicone, M5 male

Item number: U10.20.01AC



- 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.            | oz   | 0.023          |
| Suction cup model       | -    | U              |
| Volume                  | in³  | 0.011          |
| Height                  | in   | 0.75           |
| Outer diameter, min.    | in   | 0.43           |
| Fitting size            | -    | M5             |
| Fitting option          | -    | None           |
| Fitting style           | -    | Male           |
| Fitting type            | -    | M-thread       |
| Suction cup model       | -    | U10            |
| Movement, vertical max. | in   | 0.020          |
| Curve radius, min.      | in   | 0.31           |

Performance - Lifting forces

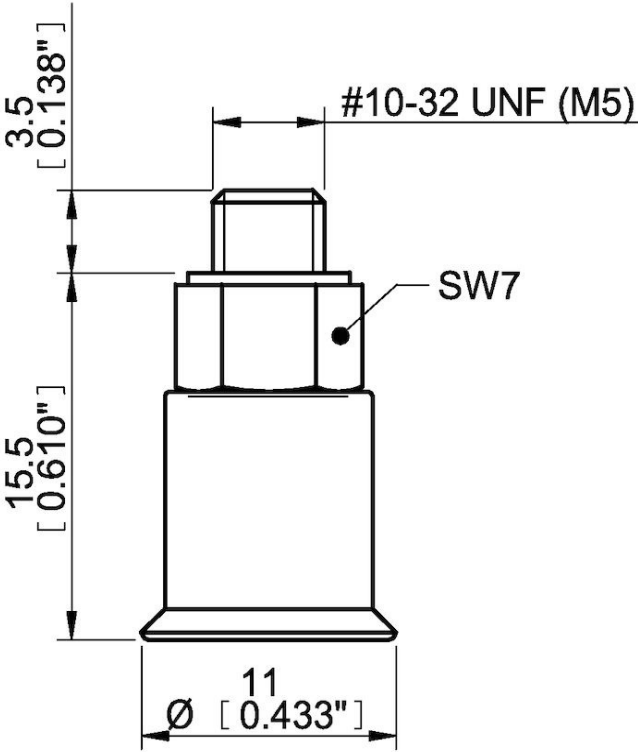
| U10         | Vertical (lb) | Parallel (lb) |
|-------------|---------------|---------------|
| 5.91 -inHg  | 0.34          | 0.36          |
| 17.72 -inHg | 0.99          | 0.79          |
| 26.58 -inHg | 1.55          | 1.079         |

| Material               |                           |
|------------------------|---------------------------|
| Name                   | Silicone, SIL 50° Shore A |
| Color                  | Red                       |
| Temperature, min.   °F | -40.0                     |
| Temperature max.   °F  | 392.0                     |
| Hardness   °Shore A    | 50                        |

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.

Accessories

U10.47 | Suction cup U10 HNBR  
 U10.10 | Suction cup U10 Chloroprene

**Spare parts**

01AC | Fitting M5 male, 10–15

U10.20 | Suction cup U10 Silicone