

# Suction cup U15 Chloroprene, M5 male

Item number: U15.10.01AC



- 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                | -               | Chloroprene (CR) |
| Weight, min.            | oz              | 0.025            |
| Suction cup model       | -               | U                |
| Volume                  | in <sup>3</sup> | 0.031            |
| Height                  | in              | 0.65             |
| Outer diameter, min.    | in              | 0.65             |
| Fitting size            | -               | M5               |
| Fitting option          | -               | None             |
| Fitting style           | -               | Male             |
| Fitting type            | -               | M-thread         |
| Suction cup model       | -               | U15              |
| Movement, vertical max. | in              | 0.059            |
| Curve radius, min.      | in              | 0.31             |

Performance - Lifting forces

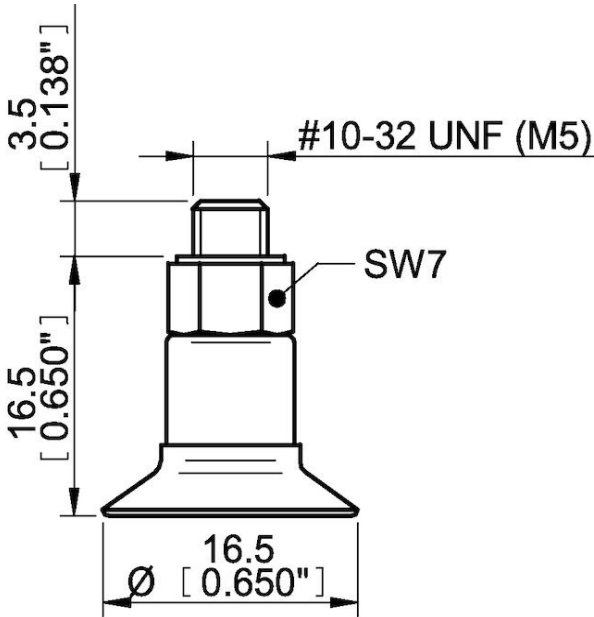
| U15         | Vertical (lb) | Parallel (lb) |
|-------------|---------------|---------------|
| 5.91 -inHg  | 0.79          | 0.90          |
| 17.72 -inHg | 1.89          | 1.62          |
| 26.58 -inHg | 2.47          | 1.82          |

| Material               |                              |
|------------------------|------------------------------|
| Name                   | Chloroprene (CR) 50° Shore A |
| Color                  | Black                        |
| Temperature, min.   °F | -40.0                        |
| Temperature max.   °F  | 230.0                        |
| Hardness   °Shore A    | 50                           |

Material resistance

|                    |           |
|--------------------|-----------|
| Alcohol            | Good      |
| Concentrated acids | Poor      |
| Ethanol            | n/a       |
| Hydrolysis         | Good      |
| Methanol           | n/a       |
| Oil                | Fair      |
| Oxidation          | Good      |
| Gasoline           | Fair      |
| Wear resistance    | Excellent |
| Weather and ozone  | Good      |

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

U15.47 | Suction cup U15 HNBR  
 U15.20 | Suction cup U15 Silicone

**Spare parts**

01AC | Fitting M5 male, 10–15

U15.10 | Suction cup U15 Chloroprene