

Suction cup U3 Conductive silicone, M2.5 male

Item number: U3.25.01AA



- Suitable for objects with flat or slightly curved surfaces.
- Also used for concave objects.
- Suction cups of conductive silicone are suitable for objects with sensitivity to static electricity.

Technical data

| Description | Unit | Value |
|-------------------------|------|----------------------------|
| Suction cup shape | - | Universal |
| Application | - | Electronic / semiconductor |
| Suction cup design | - | Round |
| Characteristics | - | ESD/Conductive/Antistatic |
| Material | - | Silicone (SIL) |
| Weight, min. | oz | 0.0011 |
| Suction cup model | - | U |
| Volume | in³ | 0.00031 |
| Height | in | 0.39 |
| Outer diameter, min. | in | 0.15 |
| Fitting size | - | M2.5 |
| Fitting option | - | None |
| Fitting style | - | Male |
| Fitting type | - | M-thread |
| Suction cup model | - | U3 |
| Movement, vertical max. | in | 0.0059 |
| Curve radius, min. | in | 0.20 |

Performance - Lifting forces

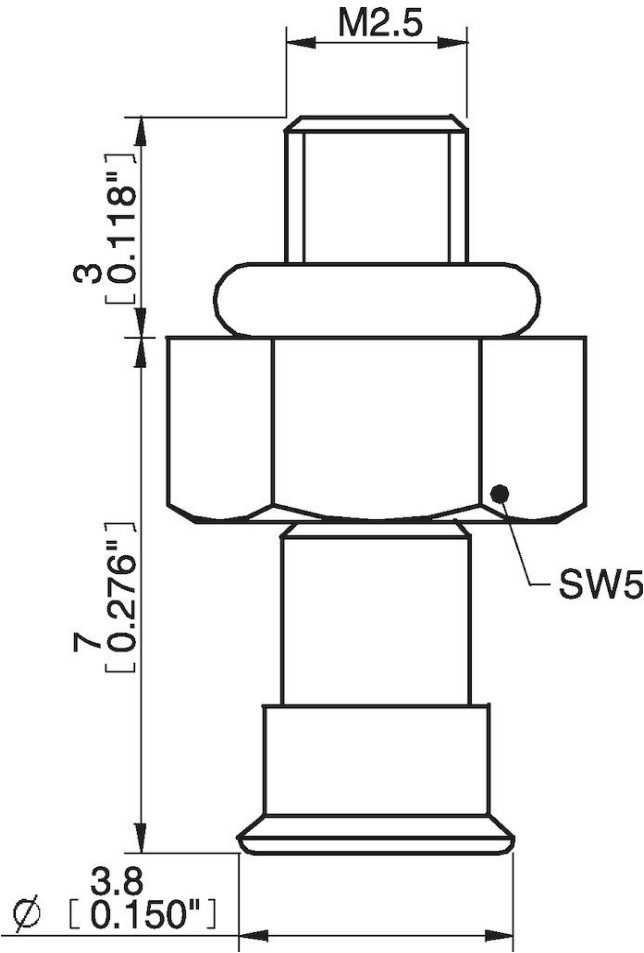
| U3 | Vertical (lb) | Parallel (lb) |
|-------------|---------------|---------------|
| 5.91 -inHg | 0.020 | |
| 17.72 -inHg | 0.094 | |
| 26.58 -inHg | 0.15 | |

| Material | |
|------------------------|----------------------------|
| Name | Conductive Silicone (CSIL) |
| Color | Black |
| Temperature, min. °F | -67.0 |
| Temperature max. °F | 446.0 |
| 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.

Spare parts

U3.25 | Suction cup U3 Conductive silicone