

# Suction cup D20-2 Silicone, G1/8" male/M5 female, PA

Item number: D20-2.20.02CD



- Suitable for objects with curved or irregular surfaces
- Grips around corners and edges.

Technical data

| Description             | Unit            | Value                          |
|-------------------------|-----------------|--------------------------------|
| Suction cup shape       | -               | Deep                           |
| Application             | -               | Plastic injection molded parts |
| Suction cup design      | -               | Round                          |
| Characteristics         | -               | Plastic injection molded parts |
| Material                | -               | Silicone (SIL)                 |
| Weight, min.            | oz              | 0.078                          |
| Suction cup model       | -               | D                              |
| Volume                  | in <sup>3</sup> | 0.15                           |
| Height                  | in              | 0.89                           |
| Outer diameter, min.    | in              | 0.87                           |
| Fitting size            | -               | 1/8", M5                       |
| Fitting option          | -               | None                           |
| Fitting style           | -               | Female/Male                    |
| Fitting type            | -               | G-thread, M-thread             |
| Suction cup model       | -               | D20-2                          |
| Movement, vertical max. | in              | 0.11                           |
| Curve radius, min.      | in              | 0.31                           |

Performance - Lifting forces

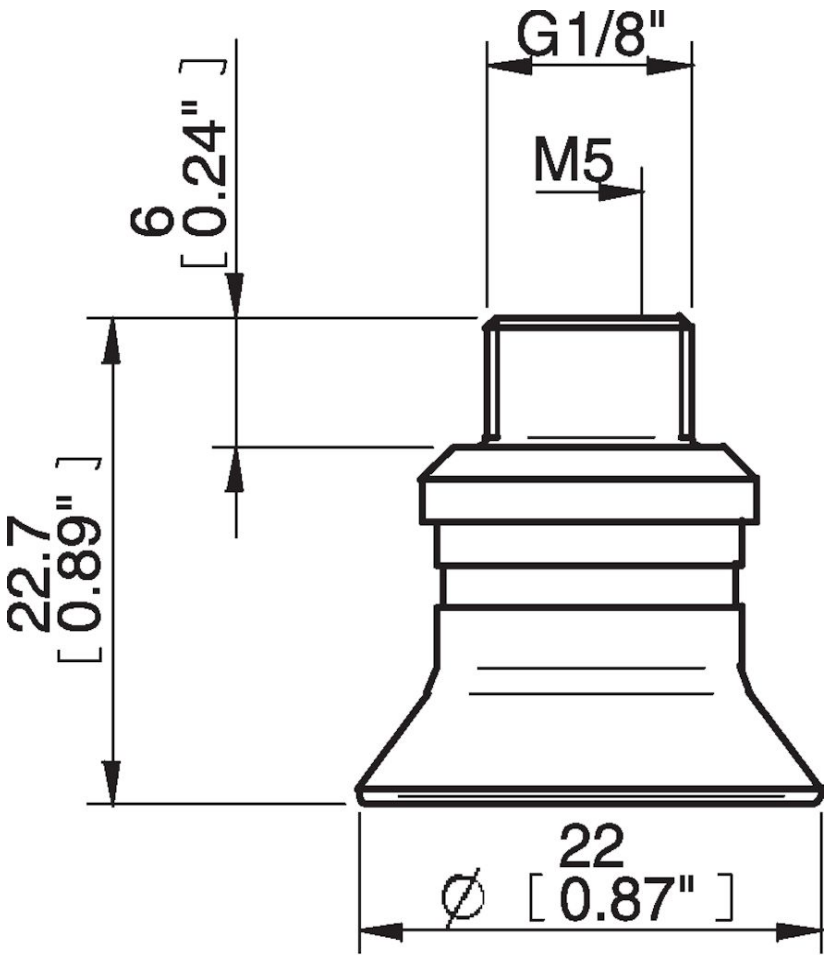
| D20-2       | Vertical (lb) | Parallel (lb) |
|-------------|---------------|---------------|
| 5.91 -inHg  | 1.33          | 1.12          |
| 17.72 -inHg | 3.37          | 1.80          |
| 26.58 -inHg | 4.047         | 1.91          |

| 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**

02AE | Fitting 5xM5 female

D20-2.10 | Suction cup D20-2 Chloroprene

02AF | Fitting G1/8" male/M5 female, with mesh filter

02AA | Fitting M5 female

02AD | Fitting G1/8" male/M5 female

02AB | Fitting G1/8" male, with mesh filter

02AC | Fitting 1/8" NPT male, with mesh filter

02DA | Fitting M5 female, with dual flow control valve

02DC | Fitting 1/8" NPT male, with dual flow control valve

02DD | Fitting G1/8" male/M5 female, with dual flow control valve

02DE | Fitting 5xM5 female, with dual flow control valve

### **Spare parts**

D20-2.20 | Suction cup D20-2 Silicone

02CD | Fitting G1/8" male/M5 female, PA