

# Suction cup P-D36 Silicone G1/4" male composite, detectable, FCM

Item number: PD36.DS40.G14MDC.00



Technical data

| Description             | Unit            | Value                                         |
|-------------------------|-----------------|-----------------------------------------------|
| Suction cup shape       | -               | Deep                                          |
| Application             | -               | Food contact materials (FDA & EU), detectable |
| Suction cup design      | -               | Round                                         |
| Characteristics         | -               | Food contact materials (FDA & EU), detectable |
| Material                | -               | Silicone (SIL)                                |
| Load, torque, max.      | lb ft           | 9.59                                          |
| Weight, min.            | oz              | 0.49                                          |
| Suction cup model       | -               | P-D                                           |
| Volume                  | in <sup>3</sup> | 0.92                                          |
| Height                  | in              | 1.82                                          |
| Outer diameter, min.    | in              | 1.41                                          |
| Fitting size            | -               | 1/4"                                          |
| Fitting option          | -               | None                                          |
| Fitting style           | -               | Male                                          |
| Fitting type            | -               | G-thread                                      |
| Tightening torque, max. | lb ft           | 9.59                                          |
| Fitting material        | -               | Composite                                     |
| Suction cup model       | -               | P-D36 Dry metal sheet                         |
| Curve radius, min.      | in              | 1.46                                          |

Performance - Lifting forces

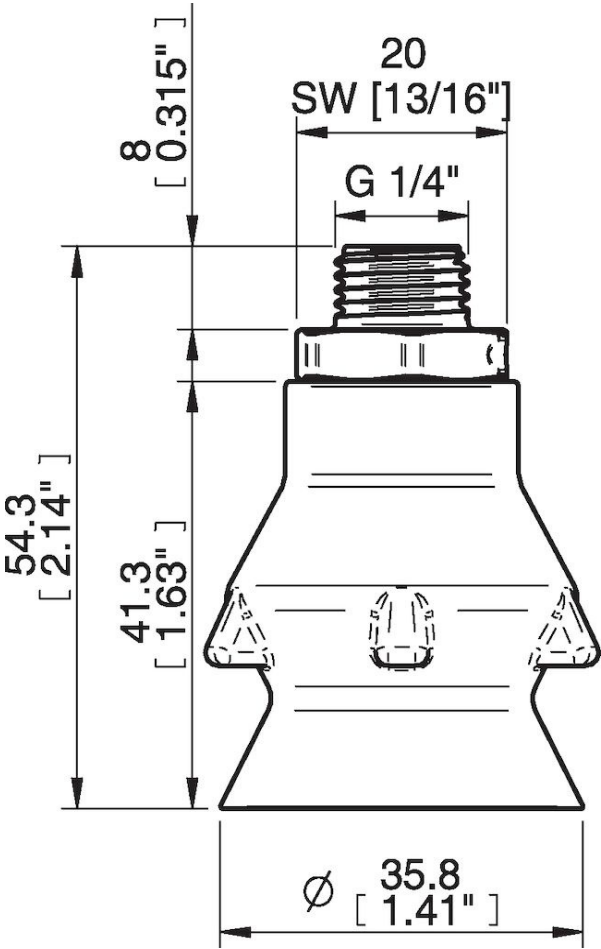
| P-D36 Dry metal sheet | Vertical (lb) | Parallel (lb) |
|-----------------------|---------------|---------------|
| 2.95 -inHg            | 1.012         | 2.74          |
| 5.91 -inHg            | 1.93          | 3.78          |
| 11.81 -inHg           | 4.27          | 6.36          |

| Material               |                               |
|------------------------|-------------------------------|
| Name                   | Silicone (SIL detectable FCM) |
| Color                  | Blue                          |
| Temperature, min.   °F | -40.0                         |
| Temperature max.   °F  | 392.0                         |
| Hardness   °Shore A    | 40                            |

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

- 02.07.147 | Fitting G1/4" Male, SS, F-BX25-50 P-D36
- 02.07.148 | Fitting 1/4"NPT Male, SS, F-BX25-50 P-D36
- 02.07.149 | Fitting G3/8" Male, SS, F-BX25-50 P-D36
- 02.07.150 | Fitting 3/8"NPT Male, SS, F-BX25-50 P-D36
- 02.07.151 | Fitting G1/4" Male, composite, F-BX25-50 P-D36
- 02.07.152 | Fitting 1/4"NPT Male, composite, F-BX25-50 P-D36
- 02.07.153 | Fitting G3/8" Male, composite, F-BX25-50 P-D36
- 02.07.154 | Fitting 3/8"NPT Male, composite, F-BX25-50 P-D36

### Spare parts

- PD36.DS40 | Suction cup P-D36 Silicone detectable, FCM
- 02.07.151 | Fitting G1/4" Male, composite, F-BX25-50 P-D36