

Suction cup D50 Silicone, 0101128

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



General

| | |
|-------------------------|--------------------------------|
| Curve radius | 25 mm |
| Movement, vertical max. | 8 mm |
| Application | Plastic injection molded parts |
| Material | Silicone (SIL) |
| Suction cup model | D |
| Suction cup shape | Deep |
| Volume | 15 cm ³ |
| Weight | 18 g |

Fitting

| | |
|----------------|------|
| Fitting size | None |
| Fitting style | None |
| Fitting type | None |
| Fitting option | None |

Dimension

| | |
|----------------|---------|
| Height | 31.5 mm |
| Outer diameter | 53 mm |

Performance — lifting forces

| |  |  |
|---------|---|---|
| 20 -kPa | 36 N | 29.9 N |
| 60 -kPa | 78 N | 42.6 N |
| 90 -kPa | 98 N | 47.4 N |

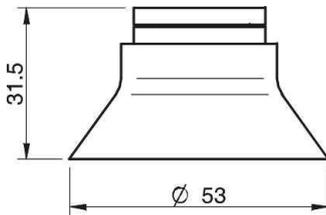
Material

| | |
|-------------|----------------|
| | Silicone (SIL) |
| Colour | Red |
| Hardness | 50 °Shore A |
| Temperature | -40 – 200 °C |

Material resistance

| | Silicone (SIL) |
|--------------------|----------------|
| Alcohol | ++ |
| Concentrated acids | - |
| Ethanol | N/A |
| Hydrolysis | + |
| Methanol | N/A |
| Oil | - |
| Oxidation | +++ |
| Petrol | - |
| Wear resistance | ++ |
| Weather and ozone | +++ |

Dimensional drawings



Values specified in the data sheet are tested at:

| | |
|------------------------|--|
| 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 | 0-100% |
| Compressed air quality | DIN ISO 8573-1 class 4 |

Accessories

| | Item no. |
|--|----------|
| Fitting 1/8" NPSF female, 50 | 3250017 |
| Fitting G1/4" male, 50, with mesh filter | 3250092 |
| Fitting 1/4" NPT male, with mesh filter | 3250094 |
| Fitting G3/8" male, 50, with mesh filter | 3250087 |
| Fitting 3/8" NPT male, with mesh filter | 3250090 |
| Fitting 5x1/8" NPSF female, 50 | 0100262 |
| Fitting 1/8" NPSF female, 50, with mesh filter | 0101154 |
| Fitting G1/8" male, 50, with mesh filter | 0200715 |
| Fitting 1/8" NPSF female, 50, PA | 3150198 |
| Fitting 1/8" NPSF female, 50, with dual flow control valve | 3251012 |
| Fitting G1/4" male, with mesh filter and dual flow control valve | 3251013 |
| Fitting 1/4" NPT male, with dual flow control valve | 3251014 |
| Fitting G3/8" male, 50, with mesh filter and dual flow control valve | 3251015 |
| Fitting 3/8" NPT male, with dual flow control valve | 3251016 |
| Fitting 5x1/8" NPSF female, 50, with dual flow control valve | 3251017 |