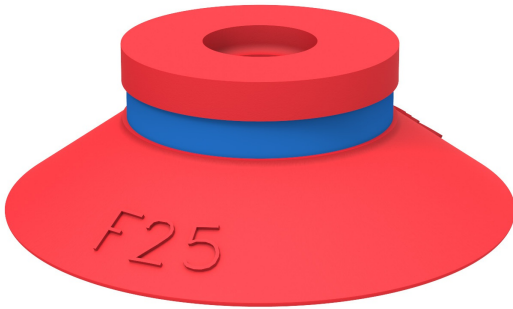


Suction cup F25 Silicone, F25.20

- Suitable for flat objects.
- Good stability and little inherent movement.
- Recommended when the lifting force is parallel to the surface of the object.
- Cleats prevent thin, sensitive objects from being deformed and gives extra friction when the lifting force is parallel.



General

| | |
|-------------------------|----------------------|
| Curve radius | 0.87 in |
| Movement, vertical max. | 0.05 in |
| Application | Dry sheet metal |
| Material | Silicone (SIL) |
| Suction cup model | F |
| Suction cup shape | Flat |
| Volume | 0.07 in ³ |
| Weight | 0.06 oz |

Fitting

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

Dimension

| | |
|----------------|---------|
| Height | 0.35 in |
| Outer diameter | 1.06 in |

Performance — lifting forces

| |  |  |
|----------|---|---|
| 6 -inHg | 2.02 lbf | 1.8 lbf |
| 18 -inHg | 4.38 lbf | 2.02 lbf |
| 27 -inHg | 5.62 lbf | 2.25 lbf |

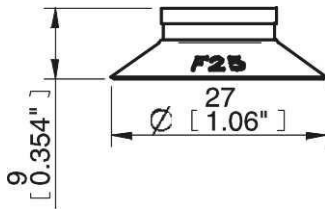
Material

| | |
|-------------|----------------|
| | Silicone (SIL) |
| Color | Red |
| Hardness | 50 °Shore A |
| Temperature | -40 – 392 °F |

Material resistance

| | Silicone (SIL) |
|--------------------|----------------|
| Alcohol | ++ |
| Concentrated acids | - |
| Ethanol | N/A |
| Hydrolysis | + |
| Methanol | N/A |
| Oil | - |
| Oxidation | +++ |
| Gasoline | - |
| 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

| | Part no. |
|--|----------|
| Fitting M5 female, with dual flow control valve | 02DA |
| Fitting M5 female | 02AA |
| Fitting G1/8" male/M5 female, with mesh filter | 02AF |
| Fitting G1/8" male/M5 female, with dual flow control valve | 02DD |
| Fitting G1/8" male/M5 female, PA | 02CD |
| Fitting G1/8" male/M5 female | 02AD |
| Fitting G1/8" male, with mesh filter | 02AB |
| Fitting 5xM5 female, with dual flow control valve | 02DE |
| Fitting 5xM5 female | 02AE |
| Fitting 1/8" NPT male, with mesh filter | 02AC |
| Fitting 1/8" NPT male, with dual flow control valve | 02DC |