

Flat suction cup (round)

# SUF 60 SI-55 NPT1/4-AG



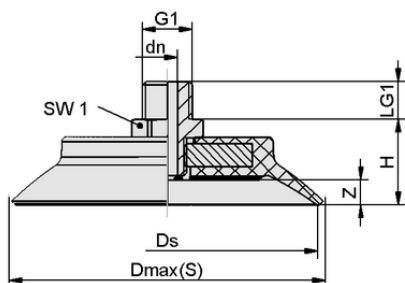
Art.-Nr.: 10.01.01.15119



SUF 60 SI-55 NPT1/4-AG

Suction cup SUF (elastomer part + connector) is delivered assembled.

Available spare parts: suction cup SUF, connector SC



Design data SUF 60 SI-55 NPT1/4-AG

## Technical data

| Attribute                   | Value          |
|-----------------------------|----------------|
| Suction cup material        | Silicone SI    |
| Material hardness [Shore A] | 55.0 Shore A   |
| Size                        | 60.00          |
| Vacuum connection           | NPT1/4-M       |
| Material characteristics    | FDA-compatible |

## Design data

| Attribute           | Value     |
|---------------------|-----------|
| Height H            | 22.00 mm  |
| Nominal diameter dn | 5.50 mm   |
| Thread G1           | NPT1/4"-M |
| Thread length LG1   | 16.0 mm   |
| Key width SW1       | 22.0 mm   |
| Spring stroke Z     | 5.5 mm    |
| Diameter Ds         | 60.0 mm   |
| Diameter Dmax(S)    | 66.4 mm   |



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**Technical data**

| Attribute                      | Value                  |
|--------------------------------|------------------------|
| Suction cup material           | Silicone SI            |
| Material hardness [Shore A]    | 55.0 Shore A           |
| Hose inner diameter (recom.) d | 6.0 mm                 |
| Workpiece radius min. (convex) | 75.0 mm                |
| Pull-off force                 | 140.00 N               |
| Weight                         | 38.60 g                |
| Volume                         | 12.700 cm <sup>3</sup> |
| Size                           | 60.00                  |
| Number of folds                | 0.0                    |
| Product family                 | SUF                    |

Note: Suction force: The suction force values are theoretical values at -0.6 bar vacuum and a dry, smooth and even workpiece surface – they are specified without safety factors. Hose inner diameter: The recommended hose diameter refers to a hose length of approx. 2 m

**Further documentation**

CAD data and other documents relating to the article can be found at: [www.schmalz.com/10.01.01.15119](http://www.schmalz.com/10.01.01.15119)

**Ordering Data Spare Parts 10.01.01.15119**

| Typ                           |                               | Item number    |
|-------------------------------|-------------------------------|----------------|
| Reduction nipple with hexagon | RED-NIP NPT1/4-AG AL          | 10.01.01.15181 |
| Flat suction cup (round)      | SUF 60 SI-55 M10x1.25-IG N009 | 10.01.01.13975 |

