

Flat suction cup (round)

## SUF 70 NBR-55 NPT1/4-AG



Art.-Nr.: 10.01.01.15146



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

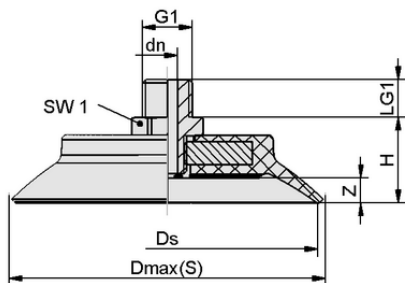
Available spare parts: suction cup SUF, connector SC

### Technical data

| Attribute                   | Value              |
|-----------------------------|--------------------|
| Suction cup material        | Nitrile rubber NBR |
| Material hardness [Shore A] | 55.0 Shore A       |
| Size                        | 70.00              |
| Vacuum connection           | NPT1/4-M           |

### Design data

| Attribute           | Value     |
|---------------------|-----------|
| Height H            | 22.50 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     | 6.0 mm    |
| Diameter Ds         | 70.0 mm   |
| Diameter Dmax(S)    | 77.2 mm   |



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[WWW.SCHMALZ.COM/10.01.01.15146](http://WWW.SCHMALZ.COM/10.01.01.15146)

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**Technical data**

| Attribute                      | Value                  |
|--------------------------------|------------------------|
| Suction cup material           | Nitrile rubber NBR     |
| Material hardness [Shore A]    | 55.0 Shore A           |
| Hose inner diameter (recom.) d | 6.0 mm                 |
| Workpiece radius min. (convex) | 100.0 mm               |
| Pull-off force                 | 198.00 N               |
| Suction force (-600mbar)       | 198.00 N               |
| Weight                         | 59.60 g                |
| Volume                         | 18.000 cm <sup>3</sup> |
| Size                           | 70.00                  |
| 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/10.01.01.15146](http://www.schmalz.com/10.01.01.15146)

**Ordering Data Spare Parts 10.01.01.15146**

| Typ                           |                                | Item number    |
|-------------------------------|--------------------------------|----------------|
| Reduction nipple with hexagon | RED-NIP NPT1/4-AG AL           | 10.01.01.15181 |
| Flat suction cup (round)      | SUF 70 NBR-55 M10x1.25-IG N009 | 10.01.01.13954 |

