

Flat suction pad (round)

## SFF 10 NBR-ESD-55 M5-AG



Art.-Nr.: 10.01.01.14671



### Technical data

| Attribute                   | Value                  |
|-----------------------------|------------------------|
| Suction cup material        | Nitrile rubber NBR-ESD |
| Material hardness [Shore A] | 55.0 Shore A           |
| Size                        | 10.00                  |

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The suction cup SFF / SFB1 (elastomer part + connection nipple) is supplied assembled.

Available spare parts: suction cup SFF / SFB1, connection nipple SC



### Design data

| Attribute           | Value    |
|---------------------|----------|
| Height H            | 15.40 mm |
| Nominal diameter dn | 1.80 mm  |
| Thread length LG1   | 4.7 mm   |
| Key width SW1       | 8.0 mm   |
| Spring stroke Z     | 0.7 mm   |
| Diameter Ds         | 10.0 mm  |
| Diameter Dmax(S)    | 11.0 mm  |
| Thread G1           | M5-AG    |

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[WWW.SCHMALZ.COM/10.01.01.14671](http://WWW.SCHMALZ.COM/10.01.01.14671)

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**Technical data**

| Attribute                   | Value                  |
|-----------------------------|------------------------|
| Suction cup material        | Nitrile rubber NBR-ESD |
| Material hardness [Shore A] | 55.0 Shore A           |
| Pull-off force              | 3.00 N                 |
| Suction force (-600mbar)    | 2.70 N                 |
| Weight                      | 1.6 g                  |
| Volume                      | 0.250 cm <sup>3</sup>  |
| Size                        | 10.00                  |
| Number of folds             | 0.0                    |
| Product family              | SFF                    |

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/10.01.01.14671](http://www.schmalz.com/10.01.01.14671)

**Ordering Data Spare Parts 10.01.01.14671**

| Typ                      |                         | Item number    |
|--------------------------|-------------------------|----------------|
| Flat suction cup (round) | SFF 10 NBR-ESD-55 SC030 | 10.01.01.14328 |
| Schmalz-Connector        | SC 030 M5-AG            | 10.01.06.02802 |

