

Flat suction cup (round)

## SUF 70 NBR-55 M10x1.25-IG N009



Art.-Nr.: 10.01.01.13954



### Technical data

| Attribute                   | Value              |
|-----------------------------|--------------------|
| Suction cup material        | Nitrile rubber NBR |
| Material hardness [Shore A] | 55.0 Shore A       |
| Size                        | 70.00              |

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

Available spare parts: suction cup SUF, connector SC

### Design data

| Attribute         | Value      |
|-------------------|------------|
| Height H          | 17.50 mm   |
| Thread G1         | M10x1.25-F |
| Thread length LG1 | 6.0 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/10.01.01.13954](http://WWW.SCHMALZ.COM/10.01.01.13954)

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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                         | 52.0 g                 |
| Volume                         | 18.000 cm <sup>3</sup> |
| Size                           | 70.00                  |
| 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/10.01.01.13954](http://www.schmalz.com/10.01.01.13954)



### Ordering Data Accessories 10.01.01.13954

| Typ         |                    | Item number    |
|-------------|--------------------|----------------|
| Touch Valve | TVN G1/4-AG 9 N009 | 10.05.10.00065 |



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