# Flat suction cup (round)

SUF 10 NBR-ESD-55 M5-IG

Part no..:10.01.01.14162

https://www.schmalz.com/10.01.01.14162

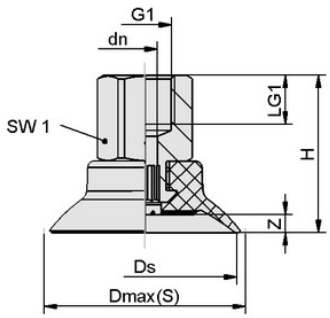
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## Flat suction cup (round) for process safe handling of smooth or slightly rough surfaces



- Size: 10
- Suction cup material: Nitrile rubber NBR-ESD
- Material hardness [Shore A]: 55 Shore A
- Vacuum connection: M5-F

## Design Data




| Attribute | Value |
|---|---|
| Dmax(S) | 11.20 mm |
| Ds | 10 mm |
| dn | 3.10 mm |
| G1 | M5-F |
| H | 18.40 mm |
| LG1 | 5.50 mm |
| SW1 | 8 mm |
| Z (Stroke) | 1 mm |

## Technical Data

| Attribute | Value |
|---|---|
| Suction force (-600mbar) | 4 N |
| Pull-off force | 4 N |
| Volume | 0.07 $cm^3$ |
| Curve radius (min) (convex) | 12.50 mm |
| Hose diameter (rec.) d | 2 mm |
| Size | 10 |
| Suction cup material | Nitrile rubber NBR-ESD |
| Material hardness [Shore A] | 55 Shore A |

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| | |
|---|---|
| Weight | 1.80 g |
| Product family | SUF |
| Number of folds | 0 |

Note: Suction force: The specified suction forces are theoretical values at a vacuum of -0.6 bar and with a dry, smooth and flat workpiece surface - they do not include a safety factor Hose diameter: The recommended hose diameter refers to a hose length of approx. 2 m

## Spare parts



**SC 030 M5-IG**

Part no..:10.01.06.03440

| |
|---|
| Connection geometry: 030 |
| Connection: M5-F |
| Length L1: 15.8 mm |
| Fitting length: 10 mm |
| Nominal diameter dn: 3.1 mm |




**SUF 10 NBR-ESD-55 SC030**

Part no..:10.01.01.14028

| |
|---|
| Size: 10 |
| Suction cup material: Nitrile rubber NBR-ESD |
| Material hardness [Shore A]: 55 Shore A |