

## Flat suction pad (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



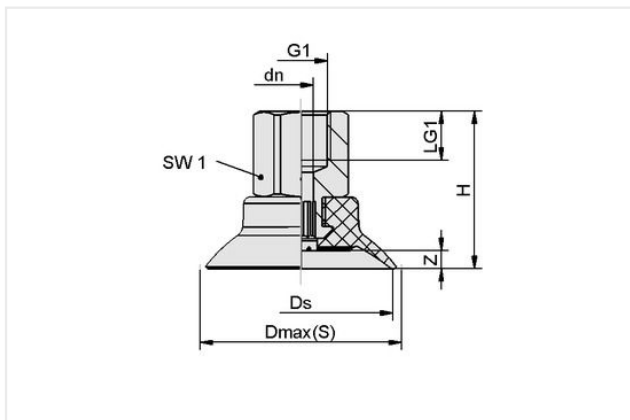
Size: 10

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 <sup>3</sup>   |
| Curve radius (min) (convex) | 12.50 mm               |
| Hose diameter (empf.) d     | 2 mm                   |
| Size                        | 10                     |
| Suction cup material        | Nitrile rubber NBR-ESD |
| Material hardness [Shore A] | 55 Shore A             |

### Contact Schmalz

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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