

## Flat suction cup (round)

SUF 50 SI-55 G1/8-AG

Part no.:10.01.01.14100

<https://www.schmalz.com/10.01.01.14100>

Home > Vacuum Technology for Automation > Vacuum Components > Vacuum Suction Cups > Flat Suction Cups (Round) > Flat Suction Cups SUF > SUF 50 SI-55 G1/8-AG

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



Size: 50

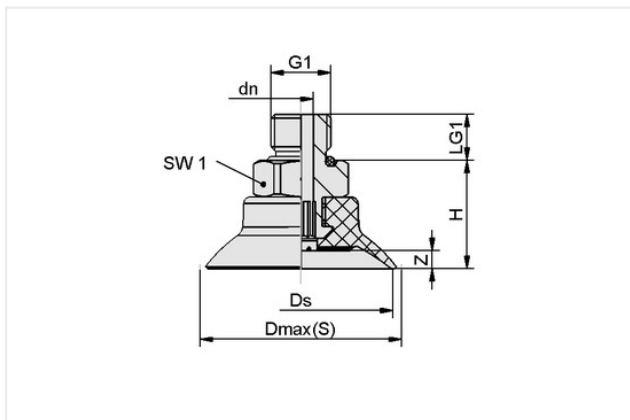
Suction cup material: Silicone SI

Material hardness [Shore A]: 55 Shore A

Material characteristics: FDA-compatible

Vacuum connection: G1/8"-M

### Design Data



| Attribute  | Value    |
|------------|----------|
| Dmax(S)    | 54.30 mm |
| Ds         | 50 mm    |
| dn         | 4.10 mm  |
| G1         | G1/8"-M  |
| H          | 24.20 mm |
| LG1        | 7.50 mm  |
| SW1        | 17 mm    |
| Z (Stroke) | 5 mm     |

### Technical Data

| Attribute                   | Value                |
|-----------------------------|----------------------|
| Suction force (-600mbar)    | 95 N                 |
| Pull-off force              | 95 N                 |
| Volume                      | 7.10 cm <sup>3</sup> |
| Curve radius (min) (convex) | 75 mm                |
| Hose diameter (rec.) d      | 4 mm                 |
| Size                        | 50                   |
| Suction cup material        | Silicone SI          |
| Material hardness [Shore A] | 55 Shore A           |

### Contact Schmalz

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|                 |         |
|-----------------|---------|
| Weight          | 23.10 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 050 G1/8-AG

Part no.:10.01.06.04250

Connection geometry: 050

Vacuum connection: G1/8"-M

Fitting length: 7.2 mm

Nominal diameter dn: 4.1 mm



#### SUF 50 SI-55 SC050

Part no.:10.01.01.13974

Size: 50

Suction cup material: Silicone SI

Material characteristics: FDA-compatible

Material hardness [Shore A]: 55 Shore A

### Contact Schmalz

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