

## Flat suction cup (round)

SUF 3 SI-55 M3-AG

Part no.:10.01.01.14292

<https://www.schmalz.com/10.01.01.14292>

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



Size: 3

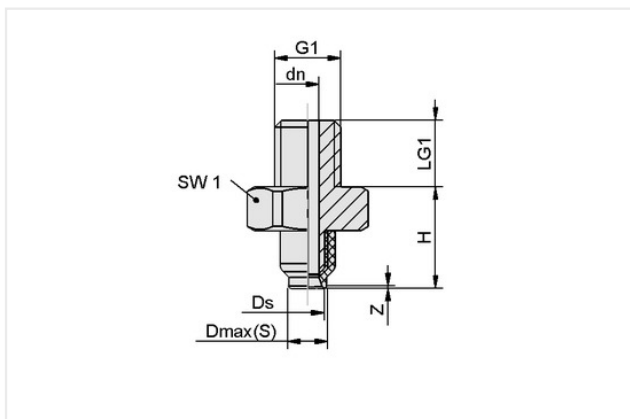
Suction cup material: Silicone SI

Material hardness [Shore A]: 55 Shore A

Material characteristics: FDA-compatible

Vacuum connection: M3-M

### Design Data



| Attribute  | Value   |
|------------|---------|
| Dmax(S)    | 3.70 mm |
| Ds         | 3 mm    |
| dn         | 1 mm    |
| G1         | M3-M    |
| H          | 5.50 mm |
| LG1        | 3 mm    |
| SW1        | 5 mm    |
| Z (Stroke) | 0.30 mm |

### Technical Data

| Attribute                   | Value                |
|-----------------------------|----------------------|
| Suction force (-600mbar)    | 0.30 N               |
| Pull-off force              | 0.30 N               |
| Volume                      | 0.00 cm <sup>3</sup> |
| Curve radius (min) (convex) | 8 mm                 |
| Hose diameter (rec.) d      | 2 mm                 |
| Size                        | 3                    |
| Suction cup material        | Silicone SI          |
| Material hardness [Shore A] | 55 Shore A           |
| Weight                      | 0.20 g               |

### Contact Schmalz

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|                 |     |
|-----------------|-----|
| 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 010 M3-AG

Part no.:10.01.06.04249

Connection geometry: 010

Vacuum connection: M3-M

Fitting length: 2 mm

Nominal diameter dn: 1 mm



#### SUF 3 SI-55 SC010

Part no.:10.01.01.14287

Size: 3

Suction cup material: Silicone SI

Material characteristics: FDA-compatible

Material hardness [Shore A]: 55 Shore A

### Contact Schmalz

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