

## Flat suction pad (round)

SUF 8 SI-CO-55 M5-IG

Part no.:10.01.01.14247

<https://www.schmalz.com/10.01.01.14247>

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



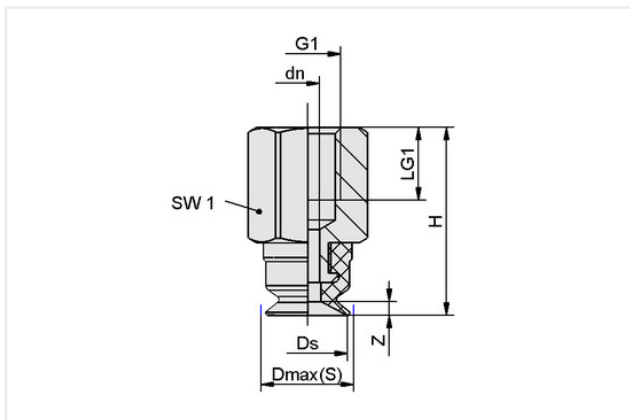
Size: 8

Suction cup material: Silicone SI-conductive

Material hardness [Shore A]: 55 Shore A

Vacuum connection: M5-F

### Design Data



| Attribute  | Value    |
|------------|----------|
| Dmax(S)    | 8.40 mm  |
| Ds         | 8 mm     |
| dn         | 1.80 mm  |
| G1         | M5-F     |
| H          | 14.20 mm |
| LG1        | 5.50 mm  |
| SW1        | 8 mm     |
| Z (Stroke) | 0.80 mm  |

### Technical Data

| Attribute                   | Value                  |
|-----------------------------|------------------------|
| Suction force (-600mbar)    | 2.40 N                 |
| Pull-off force              | 2.40 N                 |
| Volume                      | 0.04 cm <sup>3</sup>   |
| Curve radius (min) (convex) | 8 mm                   |
| Hose diameter (empf.) d     | 2 mm                   |
| Size                        | 8                      |
| Suction cup material        | Silicone SI-conductive |
| Material hardness [Shore A] | 55 Shore A             |

### Contact Schmalz

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|                 |        |
|-----------------|--------|
| Weight          | 1.20 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 020 M5-IG

Part no.:10.01.06.04306

Connection geometry: 020

Vacuum connection: M5-F

Fitting length: 8.7 mm

Nominal diameter dn: 1.8 mm



#### SUF 8 SI-CO-55 SC020

Part no.:10.01.01.14027

Size: 8

Material hardness [Shore A]: 55 Shore A

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