

## Flat suction cup (round)

SGPN 24 SI-50 M5-AG

Part no.: 10.01.01.11986

<https://www.schmalz.co.jp/10.01.01.11986>

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**Flat suction cup (round) for careful gripping of paper, plastic film, etc.**



Size: 24

Suction cup material: Silicone SI

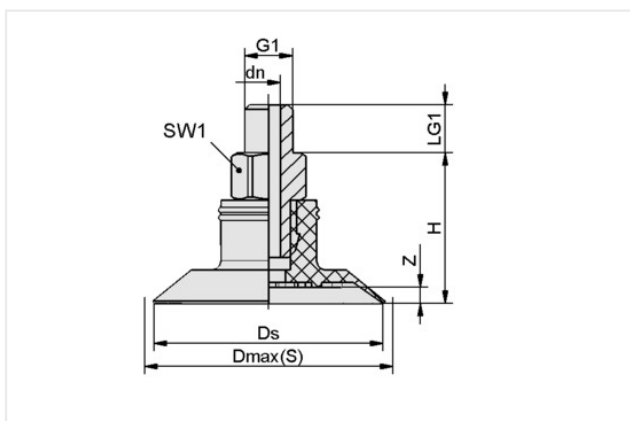
Material hardness [Shore A]: 50 Shore A

Nipple material: Aluminum

Material characteristics: FDA

Vacuum connection: M5-M

### Design Data



| Attribute  | Value    |
|------------|----------|
| dn         | 2.50 mm  |
| Dmax (S)   | 25.50 mm |
| Ds         | 24 mm    |
| G1         | M5-M     |
| H          | 15.80 mm |
| LG1        | 5 mm     |
| SW1        | 7 mm     |
| Z (Stroke) | 1.70 mm  |

Note: Acceptable dimensional tolerances for elastomer parts concerning to DIN ISO 3302-1 M3

### Technical Data

| Attribute                   | Value                |
|-----------------------------|----------------------|
| Suction force (-600mbar)    | 11 N                 |
| Volume                      | 0.85 cm <sup>3</sup> |
| Hose diameter (rec.) d      | 4 mm                 |
| Size                        | 24                   |
| Number of folds             | 0                    |
| Suction cup material        | Silicone SI          |
| Material hardness [Shore A] | 50 Shore A           |

### Contact Schmalz

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|                |        |
|----------------|--------|
| Weight         | 2.10 g |
| Product family | SGPN   |

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



SA-NIP N016 M5-AG DN250

Part no.: 10.01.06.00123

Nipple family: N 016

Thread G1: M5-M

Length L1: 16 mm

Fitting length: 5 mm

Nominal diameter dn: 2.5 mm

Material: Aluminum



SGP 24 SI-50 N016

Part no.: 10.01.01.10577

Size: 24

Suction cup material: Silicone SI

Material hardness [Shore A]: 50 Shore A