

## Flat suction cup (round)

PFG 5 SI-55 N004

Part no.:10.01.01.00027

<https://www.schmalz.ru/10.01.01.00027>

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### Flat suction cup (round) for smooth or slightly rough surfaces



Size: 5

Suction cup material: Silicone SI

Material hardness [Shore A]: 55 Shore A

Material characteristics: FDA-compatible

### Design Data



| Attribute  | Value   |
|------------|---------|
| d          | 4 mm    |
| d1         | 6 mm    |
| Dk         | 7.70 mm |
| Dmax(S)    | 5.50 mm |
| Ds         | 5 mm    |
| H          | 6.50 mm |
| H2         | 2 mm    |
| H3         | 4 mm    |
| Z (Stroke) | 0.90 mm |

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

### Technical Data

| Attribute                   | Value                |
|-----------------------------|----------------------|
| Suction force (-600mbar)    | 0.75 N               |
| Volume                      | 0.09 cm <sup>3</sup> |
| Curve radius (min) (convex) | 7.50 mm              |
| Size                        | 5                    |
| Nipple family               | N 004                |
| Suction cup material        | Silicone SI          |
| Material hardness [Shore A] | 55 Shore A           |
| Weight                      | 0.20 g               |

### Contact Schmalz

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Product family

PFG

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

### Accessories



#### SA-NIP N004 G1/8-AG DN200

Part no.:10.01.01.03528

Thread G1: G1/8"-M

Length L1: 17 mm

Fitting length: 5 mm

Material: Aluminum



#### SA-NIP N004 G1/8-IG DN200

Part no.:10.01.01.03520

Thread G1: G1/8"-F

Length L1: 20 mm

Fitting length: 16 mm

Material: Aluminum



#### SA-NIP N004 M5-AG DN200

Part no.:10.01.01.03526

Thread G1: M5-M

Length L1: 13.5 mm

Fitting length: 5 mm

Material: Aluminum

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### SA-NIP N004 M5-IG DN200

Part no...:10.01.01.03518

Thread G1: M5-F

Length L1: 14 mm

Fitting length: 10 mm

Material: Aluminum