

## Flat suction cup (round)

PFYN 5 SI-55 M5-IG

Part no.:10.01.01.00095

<https://www.schmalz.com/10.01.01.00095>

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



Size: 5

Suction cup material: Silicone SI

Material hardness: 55 °Sh

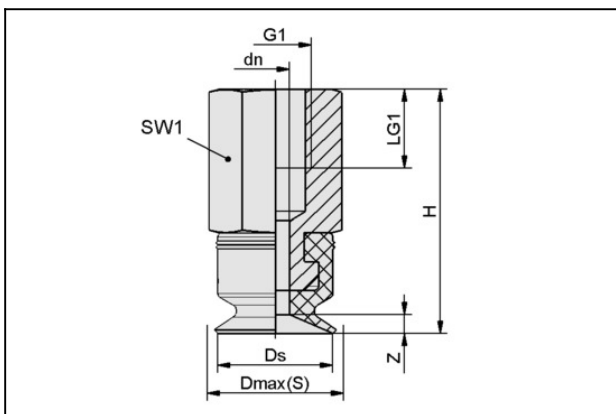
Material characteristics:

FDA-compatible

Nipple material: Aluminium

Vacuum connection: M5-F

### Design Data



| Attribute  | Value   |
|------------|---------|
| dn         | 1.5 mm  |
| Dmax(S)    | 5.5 mm  |
| Ds         | 5 mm    |
| G1         | M5-IG   |
| H          | 16.5 mm |
| LG1        | 5.5 mm  |
| SW1        | 8 mm    |
| Z (Stroke) | 0.9 mm  |

### Technical Data

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| Attribute                   | Value                 |
|-----------------------------|-----------------------|
| Suction force (-600mbar)    | 0.75 N                |
| Volume                      | 0.005 cm <sup>3</sup> |
| Curve radius (min) (convex) | 7.5 mm                |
| Hose diameter (empf.) d     | 2 mm                  |
| Size                        | 5                     |
| Number of folds             | 0                     |
| Suction cup material        | Silicone SI           |
| Material hardness [Shore A] | 55 Shore A            |
| Weight                      | 1.4 g                 |
| Product family              | PFYN                  |

Note: Suction force: The specified suction forces are theoretical values at a vacuum of -0.6 bar and with a smooth, dry workpiece surface - they do not include a safety factor Hose diameter: The recommended hose diameter refers to a hose length of approx. 2 m

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## Spare Parts



### SA-NIP N004 M5-IG DN200

Part no.10.01.01.03518

Suction cup connection nipple

Nipple: N 004

Thread G1: M5-F

Overall length: 14 mm

Fitting length: 10 mm

Nominal size: 2.00 mm

Material: Aluminium

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### **PFG 5 SI-55 N004**

Part no.10.01.01.00027

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Size: 5

Suction cup material: Silicone SI

Material hardness: 55 °Sh

Material characteristics:

FDA-compatible