

## Flat suction cup (round)

PFYN 5 SI-CO-55 M5-IG

Part no.:10.01.01.10357

<https://www.schmalz.ru/10.01.01.10357>

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



Size: 5

Suction cup material: Silicone SI conductive

Material hardness [Shore A]: 55 Shore A

Nipple material: Aluminum

Vacuum connection: M5-F

### Design Data



| Attribute  | Value    |
|------------|----------|
| dn         | 1.50 mm  |
| Dmax(S)    | 5.50 mm  |
| Ds         | 5 mm     |
| G1         | M5-F     |
| H          | 16.50 mm |
| LG1        | 5.50 mm  |
| SW1        | 8 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                      | 0.01 cm <sup>3</sup>   |
| Curve radius (min) (convex) | 7.50 mm                |
| Hose diameter (rec.) d      | 2 mm                   |
| Size                        | 5                      |
| Suction cup material        | Silicone SI conductive |
| Material hardness [Shore A] | 55 Shore A             |

### Contact Schmalz

OOO Schmalz | Mozhayskoe highway 165, bldg1, 121596 Moscow, Russia | +7 495 9671248 | [post@ruschmalz.ru](mailto:post@ruschmalz.ru)

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|                 |        |
|-----------------|--------|
| Weight          | 1.40 g |
| Product family  | PFYN   |
| 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



#### 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



#### PFG 5 SI-CO-55 N004

Part no.:10.01.01.10051

Size: 5

Suction cup material: Silicone SI conductive

Material hardness [Shore A]: 55 Shore A