

## Flat suction cup (round)

PFYN 15 PU-55 G1/8-AG

Part no.:10.01.01.00169

<https://www.schmalz.com/10.01.01.00169>

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



Size: 15

Suction cup material: Polyurethane PU

Material hardness [Shore A]: 55 Shore A

Nipple material: Aluminum

Vacuum connection: G1/8"-M

### Design Data



| Attribute  | Value    |
|------------|----------|
| dn         | 2 mm     |
| Dmax(S)    | 17,50 mm |
| Ds         | 15 mm    |
| G1         | G1/8"-M  |
| H          | 13 mm    |
| LG1        | 8 mm     |
| SW1        | 14 mm    |
| Z (Stroke) | 1,90 mm  |

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

### Technical Data

| Attribute                   | Value                |
|-----------------------------|----------------------|
| Suction force (-600mbar)    | 9 N                  |
| Volume                      | 0,40 cm <sup>3</sup> |
| Curve radius (min) (convex) | 12,50 mm             |
| Hose diameter (rec.) d      | 4 mm                 |
| Size                        | 15                   |
| Suction cup material        | Polyurethane PU      |
| Material hardness [Shore A] | 55 Shore A           |

### Contact Schmalz

Schmalz d.o.o. | Velika Ligojna 4, Vrhnika, Slovenia | +386 70 613 796 | [info@schmalz.si](mailto:info@schmalz.si)

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|                 |        |
|-----------------|--------|
| Weight          | 4,50 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 N005 G1/8-AG DN200

Part no.:10.01.01.03529

Nipple family: N 005

Thread G1: G1/8"-M

Length L1: 17,5 mm

Length L: 5 mm

Fitting length: 5 mm

Nominal diameter dn: 2 mm

Material: Aluminum



#### PFG 15 PU-55 N005

Part no.:10.01.01.00051

Size: 15

Suction cup material: Polyurethane PU

Material hardness [Shore A]: 55 Shore A