

## Flat suction cup (round)

PFYN 95 PU-55 G1/4-AG

Part no.:10.01.01.00178

<https://www.schmalz.com/10.01.01.00178>

Home > Vacuum Technology for Automation > Vacuum Components > Vacuum Suction Cups > Flat Suction Cups (Round) > Flat Suction Cups PFYN > PFYN 95 PU-55 G1/4-AG

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



Size: 95

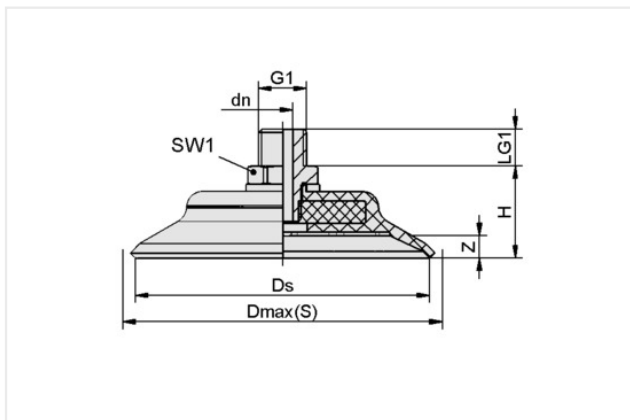
Suction cup material: Polyurethane PU

Material hardness [Shore A]: 55 Shore A

Nipple material: Aluminum

Vacuum connection: G1/4"-M

### Design Data



| Attribute  | Value    |
|------------|----------|
| dn         | 5.50 mm  |
| Dmax(S)    | 102 mm   |
| Ds         | 95 mm    |
| G1         | G1/4"-M  |
| H          | 25.50 mm |
| LG1        | 10 mm    |
| SW1        | 17 mm    |
| Z (Stroke) | 6 mm     |

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

### Technical Data

| Attribute                   | Value              |
|-----------------------------|--------------------|
| Suction force (-600mbar)    | 350 N              |
| Volume                      | 35 cm <sup>3</sup> |
| Curve radius (min) (convex) | 200 mm             |
| Hose diameter (rec.) d      | 6 mm               |
| Size                        | 95                 |
| Suction cup material        | Polyurethane PU    |
| Material hardness [Shore A] | 55 Shore A         |

### Contact Schmalz

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Weight 102.20 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

### Accessories



#### SU 100

Part no.:10.01.01.12840

Size: 100

Clamping range: 100.0 ... 115.0 mm

Temperature resistance: 80 °C

### Spare parts



#### PFG 95 PU-55 N009 M10x1.25-IG

Part no.:10.01.01.00060

Size: 95

Suction cup material: Polyurethane PU

Material hardness [Shore A]: 55 Shore A

### Contact Schmalz

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