

## Flat suction cup (round)

PFYN 1 NBR-55 M3-AG

Part no.:10.01.01.00274

<https://www.schmalz.com/10.01.01.00274>

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



Size: 1

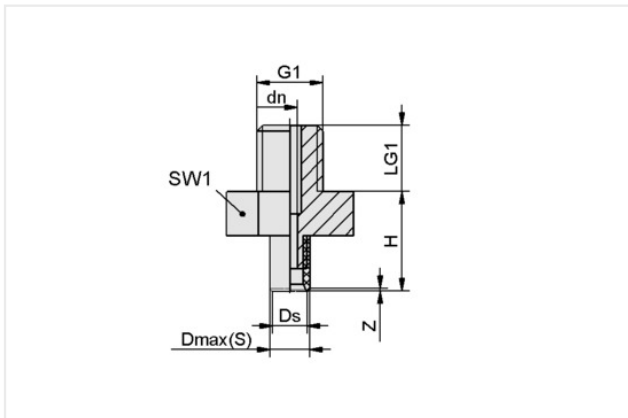
Suction cup material: Nitrile rubber NBR

Material hardness [Shore A]: 55 Shore A

Nipple material: Aluminum

Vacuum connection: M3-M

### Design Data



| Attribute  | Value   |
|------------|---------|
| dn         | 0.40 mm |
| Dmax(S)    | 1.20 mm |
| Ds         | 1 mm    |
| G1         | M3-M    |
| H          | 3.60 mm |
| LG1        | 3 mm    |
| SW1        | 5 mm    |
| Z (Stroke) | 0.10 mm |

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

### Technical Data

| Attribute                   | Value                |
|-----------------------------|----------------------|
| Suction force (-600mbar)    | 0.03 N               |
| Volume                      | 0.00 cm <sup>3</sup> |
| Curve radius (min) (convex) | 2 mm                 |
| Hose diameter (rec.) d      | 2 mm                 |
| Size                        | 1                    |
| Suction cup material        | Nitrile rubber NBR   |
| Material hardness [Shore A] | 55 Shore A           |

### Contact Schmalz

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Weight 1 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 N001 M3-AG DN40

Part no.:10.01.01.00315

Thread G1: M3-M

Length L1: 6 mm

Fitting length: 2 mm

Material: Aluminum



#### PFG 1 NBR-55 N001

Part no.:10.01.01.00001

Size: 1

Suction cup material: Nitrile rubber NBR

Material hardness [Shore A]: 55 Shore A

### Contact Schmalz

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