

Flat suction cup (round)

PFYN 1 SI-55 M3-AG

Part no.:10.01.01.00280

<https://www.schmalz.com/10.01.01.00280>

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



Size: 1

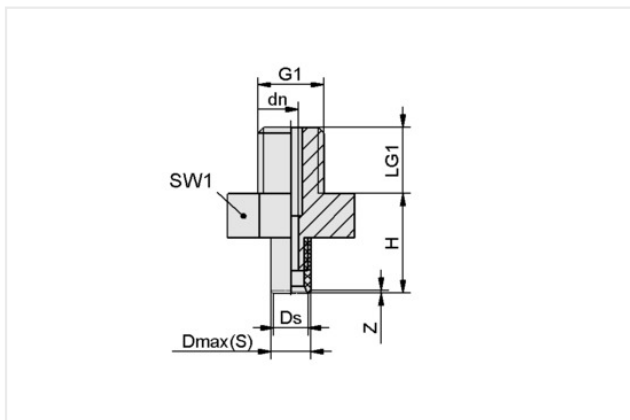
Suction cup material: Silicone SI

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 ³
Curve radius (min) (convex)	2 mm
Hose diameter (rec.) d	2 mm
Size	1
Suction cup material	Silicone SI
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 SI-55 N001

Part no.:10.01.01.00021

Size: 1

Suction cup material: Silicone SI

Material hardness [Shore A]: 55 Shore A

Material characteristics: FDA-compatible

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