

Flat suction cup (round)

PFG 3.5 SI-55 N003

Part no.:10.01.01.00024

<https://www.schmalz.com/10.01.01.00024>

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



Size: 3.5

Suction cup material: Silicone SI

Material hardness [Shore A]: 55 Shore A

Material characteristics: FDA-compatible

Design Data



Attribute	Value
d	2 mm
d1	3 mm
Dk	4.20 mm
Dmax(S)	4 mm
Ds	3.50 mm
H	4 mm
H2	1.50 mm
H3	2.50 mm
Z (Stroke)	0.50 mm

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

Technical Data

Attribute	Value
Suction force (-600mbar)	0.42 N
Volume	0.02 cm ³
Curve radius (min) (convex)	7.50 mm
Size	3.50
Nipple family	N 003
Suction cup material	Silicone SI
Material hardness [Shore A]	55 Shore A
Product family	PFG

Contact Schmalz

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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



SA-NIP N003 M3-AG DN100

Part no...:10.01.01.00316

Thread G1: M3-M

Length L1: 7.5 mm

Fitting length: 2 mm

Material: Aluminum

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