

Flat suction cup (round)

PFYN 5 SI-55 M5-AG

Part no.:10.01.01.00151

<https://www.schmalz.com/10.01.01.00151>

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



Size: 5

Suction cup material: Silicone SI

Material hardness: 55 °Sh

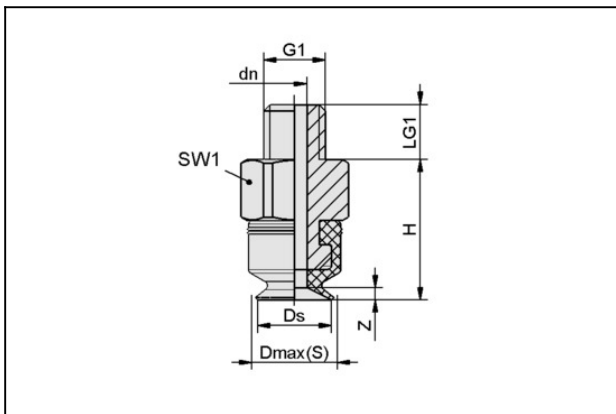
Material characteristics:

FDA-compatible

Nipple material: Aluminium

Vacuum connection: M5-M

Design Data



Attribute	Value
dn	1.5 mm
Dmax(S)	5.5 mm
Ds	5 mm
G1	M5-AG
H	11.5 mm
LG1	4.5 mm
SW1	8 mm
Z (Stroke)	0.9 mm

Technical Data

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Attribute	Value
Suction force (-600mbar)	0.75 N
Volume	0.005 cm ³
Curve radius (min) (convex)	7.5 mm
Hose diameter (empf.) d	2 mm
Size	5
Number of folds	0
Suction cup material	Silicone SI
Material hardness [Shore A]	55 Shore A
Weight	1.1 g
Product family	PFYN

Note: Suction force: The specified suction forces are theoretical values at a vacuum of -0.6 bar and with a smooth, dry 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 N004 M5-AG DN200

Part no.10.01.01.03526

Suction cup connection nipple

Nipple: N 004

Thread G1: M5-M

Overall length: 13.5 mm

Fitting length: 5 mm

Nominal size: 2.00 mm

Material: Aluminium

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PFG 5 SI-55 N004

Part no.10.01.01.00027

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Size: 5

Suction cup material: Silicone SI

Material hardness: 55 °Sh

Material characteristics:

FDA-compatible