

Flat suction cup (round)

PFYN 10 PU-55 M5-AG

Part no.:10.01.01.00168

<https://www.schmalz.com/10.01.01.00168>

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



Size: 10

Suction cup material: Polyurethane PU

Material hardness [Shore A]: 55 Shore A

Nipple material: Aluminum

Vacuum connection: M5-M

Design Data



Attribute	Value
dn	2 mm
Dmax(S)	11.50 mm
Ds	10 mm
G1	M5-M
H	12.50 mm
LG1	4.50 mm
SW1	8 mm
Z (Stroke)	1.40 mm

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

Technical Data

Attribute	Value
Suction force (-600mbar)	4 N
Volume	0.07 cm ³
Curve radius (min) (convex)	12.50 mm
Hose diameter (rec.) d	2 mm
Size	10
Suction cup material	Polyurethane PU
Material hardness [Shore A]	55 Shore A

Contact Schmalz

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Weight	1.30 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 N004 M5-AG DN200

Part no.:10.01.01.03526

Thread G1: M5-M
Length L1: 13.5 mm
Fitting length: 5 mm
Material: Aluminum



PFG 10 PU-55 N004

Part no.:10.01.01.00050

Size: 10
Suction cup material: Polyurethane PU
Material hardness [Shore A]: 55 Shore A

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