

Flat suction cup (round)

PFYN 10 PU-55 M5-IG

Part no.:10.01.01.00112

<https://www.schmalz.com/10.01.01.00112>

Home > Vacuum Technology for Automation > Vacuum Components > Vacuum Suction Cups > Flat Suction Cups (Round) > Flat Suction Cups PFYN > PFYN 10 PU-55 M5-IG

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



Size: 10

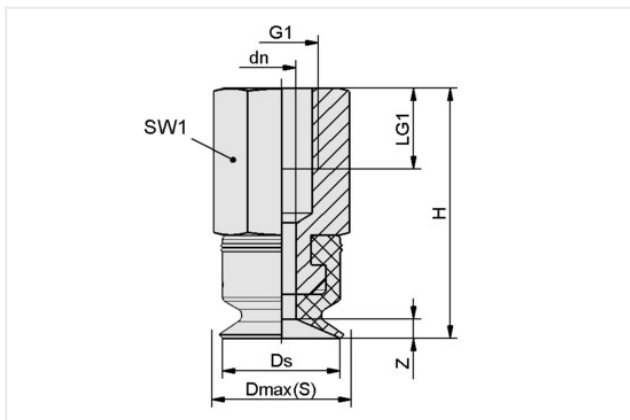
Suction cup material: Polyurethane PU

Material hardness [Shore A]: 55 Shore A

Nipple material: Aluminum

Vacuum connection: M5-F

Design Data



Attribute	Value
dn	2 mm
Dmax(S)	11.50 mm
Ds	10 mm
G1	M5-F
H	17.50 mm
LG1	5.50 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

Schmalz Inc. | 5850 Oak Forest Drive, Raleigh, NC 27616, United States | +1 (919) 713-0880 | schmalz.us@schmalz.com

Flat suction cup (round)

PFYN 10 PU-55 M5-IG

Part no.:10.01.01.00112

<https://www.schmalz.com/10.01.01.00112>

Weight	1.60 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-IG DN200

Part no.:10.01.01.03518

Thread G1: M5-F

Length L1: 14 mm

Fitting length: 10 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

Contact Schmalz

Schmalz Inc. | 5850 Oak Forest Drive, Raleigh, NC 27616, United States | +1 (919) 713-0880 | schmalz.us@schmalz.com