

Flat suction cup (round)

PFYN 25 PU-55 G1/8-AG

Part no.:10.01.01.00171

<https://www.schmalz.com/10.01.01.00171>

Home > Vacuum Technology for Automation > Vacuum Components > Vacuum Suction Cups > Flat Suction Cups (Round) > Flat Suction Cups PFYN > PFYN 25 PU-55 G1/8-AG

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



Size: 25

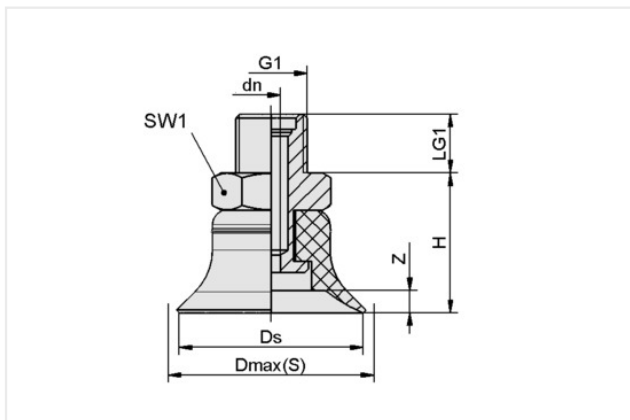
Suction cup material: Polyurethane PU

Material hardness [Shore A]: 55 Shore A

Nipple material: Aluminum

Vacuum connection: G1/8"-M

Design Data



Attribute	Value
dn	2.40 mm
Dmax(S)	27.50 mm
Ds	25 mm
G1	G1/8"-M
H	19 mm
LG1	8 mm
SW1	14 mm
Z (Stroke)	3 mm

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

Technical Data

Attribute	Value
Suction force (-600mbar)	26.50 N
Volume	1.30 cm ³
Curve radius (min) (convex)	25 mm
Hose diameter (rec.) d	4 mm
Size	25
Suction cup material	Polyurethane PU
Material hardness [Shore A]	55 Shore A

Contact Schmalz

J. Schmalz GmbH | Johannes-Schmalz-Str.1, 72293 Glatten, Germany | +49 7443 2403-102 | customercenter@schmalz.de

Flat suction cup (round)

PFYN 25 PU-55 G1/8-AG

Part no.:10.01.01.00171

<https://www.schmalz.com/10.01.01.00171>

Weight	7.20 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

Accessories



SU 25

Part no.:10.01.01.13584

Size: 25

Clamping range: 25.0 ... 30.0 mm

Temperature resistance: 80 °C

Spare parts



SA-NIP N007 G1/8-AG DN240

Part no.:10.01.01.03531

Nipple family: N 007

Thread G1: G1/8"-M

Length L1: 21 mm

Length L: 5 mm

Fitting length: 5 mm

Nominal diameter dn: 2.4 mm

Material: Aluminum

Spanner size SW2: 4 mm

Contact Schmalz

J. Schmalz GmbH | Johannes-Schmalz-Str.1, 72293 Glatten, Germany | +49 7443 2403-102 | customercenter@schmalz.de

Flat suction cup (round)

PFYN 25 PU-55 G1/8-AG

Part no...:10.01.01.00171

<https://www.schmalz.com/10.01.01.00171>



PFG 25 PU-55 N007

Part no...:10.01.01.00053

Size: 25

Suction cup material: Polyurethane PU

Material hardness [Shore A]: 55 Shore A

Contact Schmalz

J. Schmalz GmbH | Johannes-Schmalz-Str.1, 72293 Glatten, Germany | +49 7443 2403-102 | customercenter@schmalz.de