

Flat suction cup (round)

PFYN 20 SI-55 G1/8-AG

Part no.:10.01.01.00156

<https://www.schmalz.com/10.01.01.00156>

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



Size: 20

Suction cup material: Silicone SI

Material hardness [Shore A]: 55 Shore A

Nipple material: Aluminum

Vacuum connection: G1/8"-M

Design Data



Attribute	Value
dn	2 mm
Dmax(S)	23 mm
Ds	20 mm
G1	G1/8"-M
H	15 mm
LG1	8 mm
SW1	14 mm
Z (Stroke)	2.20 mm

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

Technical Data

Attribute	Value
Suction force (-600mbar)	15.50 N
Volume	0.80 cm ³
Curve radius (min) (convex)	20 mm
Hose diameter (rec.) d	4 mm
Size	20
Suction cup material	Silicone SI
Material hardness [Shore A]	55 Shore A

Contact Schmalz

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Weight 5.60 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 N006 G1/8-AG DN200

Part no.:10.01.01.03530

Thread G1: G1/8"-M

Length L1: 19.5 mm

Fitting length: 5 mm

Material: Aluminum



PFG 20 SI-55 N006

Part no.:10.01.01.00032

Size: 20

Suction cup material: Silicone SI

Material hardness [Shore A]: 55 Shore A

Material characteristics: FDA-compatible