

Flat suction cup (round)

PFYN 80 SI-55 G1/4-AG

Part no.:10.01.01.00163

<https://www.schmalz.com/10.01.01.00163>



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Cups PFYN > PFYN 80 SI-55 G1/4-AG

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



Size: 80

Suction cup material: Silicone SI

Material hardness: 55 °Sh

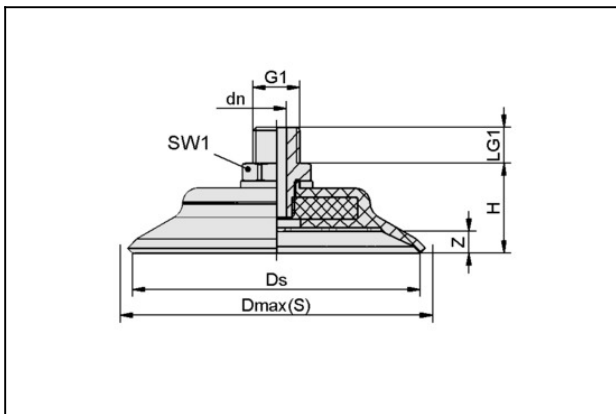
Material characteristics:

FDA-compatible

Nipple material: Aluminium

Vacuum connection: G1/4"-M

Design Data



Attribute	Value
dn	5.5 mm
Dmax(S)	86 mm
Ds	80 mm
G1	G1/4"-AG
H	25 mm
LG1	10 mm
SW1	17 mm
Z (Stroke)	6 mm

Technical Data

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Attribute	Value
Suction force (-600mbar)	260 N
Volume	25 cm ³
Curve radius (min) (convex)	150 mm
Hose diameter (empf.) d	6 mm
Size	80
Number of folds	0
Suction cup material	Silicone SI
Material hardness [Shore A]	55 Shore A
Weight	62.5 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 N009 G1/4-AG

Part no.10.01.01.10097

Suction cup connection nipple pre-assembly

Nipple: N 009

Thread G1: G1/4"-M

Length L: 5 mm

for: Flat suction pad PFG

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PFG 80 SI-55 N009 M10x1.25-IG

Part no.10.01.01.00039

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

Size: 80

Suction cup material: Silicone SI

Material hardness: 55 °Sh

Material characteristics:

FDA-compatible

Connection thread: M10x1.25-F

Accessories



SU 80

Part no.10.01.01.12839

Cover for suction cup

Size: 80

Clamping range: 80.0 ... 100.0 mm

Temperature resistance: 80 °C