

Flat suction cup (round)

PFG 80 SI-55 N009 M10x1.25-IG

Part no...:10.01.01.00039

<https://www.schmalz.com/10.01.01.00039>

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



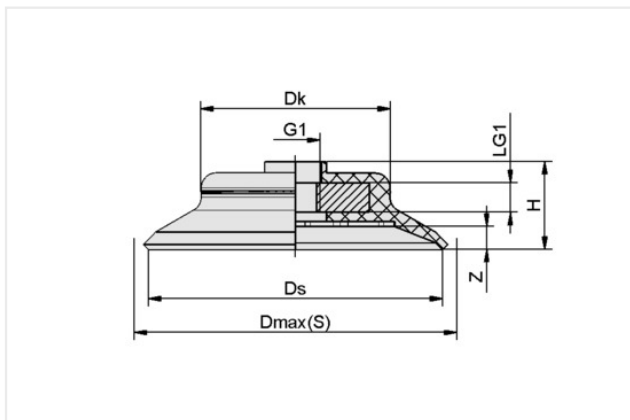
Size: 80

Suction cup material: Silicone SI

Material hardness [Shore A]: 55 Shore A

Material characteristics: FDA-compatible

Design Data



Attribute	Value
Dk	52.30 mm
Dmax(S)	86 mm
Ds	80 mm
H	20.50 mm
Z (Stroke)	6 mm

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

Technical Data

Attribute	Value
Suction force (-600mbar)	260 N
Volume	26.76 cm ³
Curve radius (min) (convex)	150 mm
Size	80
Nipple family	N 009
Suction cup material	Silicone SI
Material hardness [Shore A]	55 Shore A

Contact Schmalz

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Weight	50.20 g
Product family	PFG

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



SA-NIP N009 G1/4-AG

Part no.:10.01.01.10097

Thread G1: G1/4"-M

Length L1: 25 mm

Material: Aluminum



SA-NIP N009 G1/4-IG

Part no.:10.01.01.10096

Thread G1: G1/4"-F

Length L1: 33 mm

Material: Aluminum

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SU 80

Part no...:10.01.01.12839

Size: 80

Clamping range: 80.0 ... 100.0 mm

Temperature resistance: 80 °C

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