

Flat suction cup (round)

SUF 12 SI-55 M5-IG

Part no...:10.01.01.14169

<https://www.schmalz.com/10.01.01.14169>

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Flat suction cup (round) for process safe handling of smooth or slightly rough surfaces



Size: 12

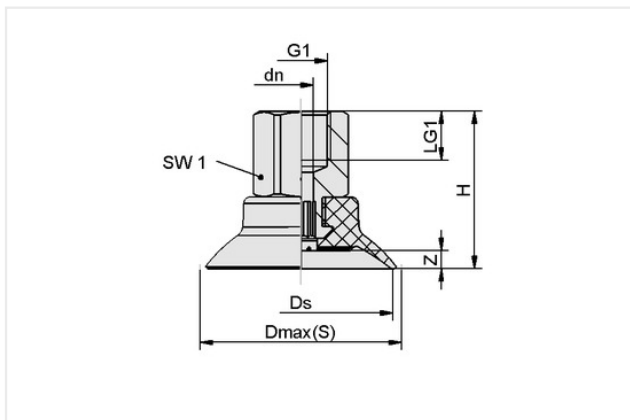
Suction cup material: Silicone SI

Material hardness [Shore A]: 55 Shore A

Material characteristics: FDA-compatible

Vacuum connection: M5-F

Design Data



Attribute	Value
Dmax(S)	13.20 mm
Ds	12 mm
dn	3.10 mm
G1	M5-F
H	18.60 mm
LG1	5.50 mm
SW1	8 mm
Z (Stroke)	1.20 mm

Technical Data

Attribute	Value
Suction force (-600mbar)	5 N
Pull-off force	5 N
Volume	0.12 cm ³
Curve radius (min) (convex)	12.50 mm
Hose diameter (rec.) d	2 mm
Size	12
Suction cup material	Silicone SI
Material hardness [Shore A]	55 Shore A

Contact Schmalz

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Weight	1.90 g
Product family	SUF
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



SC 030 M5-IG

Part no.:10.01.06.03440

Connection geometry: 030

Connection: M5-F

Length L1: 15.8 mm

Fitting length: 10 mm

Nominal diameter dn: 3.1 mm



SUF 12 SI-55 SC030

Part no.:10.01.01.13966

Size: 12

Suction cup material: Silicone SI

Material characteristics: FDA-compatible

Material hardness [Shore A]: 55 Shore A