

Flat suction cup (round)

SUF 50 SI-55 G1/8-AG

Part no.:10.01.01.14100

<https://www.schmalz.com/10.01.01.14100>

Home > Vacuum Technology for Automation > Vacuum Components > Vacuum Suction Cups > Flat Suction Cups (Round) > Flat Suction Cups SUF > SUF 50 SI-55 G1/8-AG

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



Size: 50

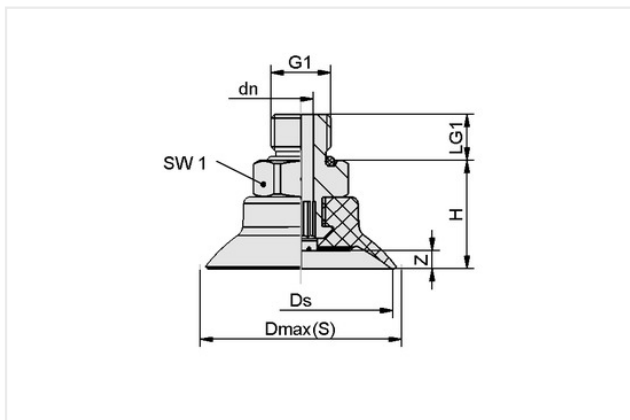
Suction cup material: Silicone SI

Material hardness [Shore A]: 55 Shore A

Material characteristics: FDA-compatible

Vacuum connection: G1/8"-M

Design Data



Attribute	Value
Dmax(S)	54.30 mm
Ds	50 mm
dn	4.10 mm
G1	G1/8"-M
H	24.20 mm
LG1	7.50 mm
SW1	17 mm
Z (Stroke)	5 mm

Technical Data

Attribute	Value
Suction force (-600mbar)	95 N
Pull-off force	95 N
Volume	7.10 cm ³
Curve radius (min) (convex)	75 mm
Hose diameter (rec.) d	4 mm
Size	50
Suction cup material	Silicone SI
Material hardness [Shore A]	55 Shore A

Contact Schmalz

Oy Schmalz Ab | Taivaltie 5, 01610 Vantaa, Finland | +358 10 2312011 | schmalz@schmalz.fi

Flat suction cup (round)

SUF 50 SI-55 G1/8-AG

Part no.:10.01.01.14100

<https://www.schmalz.com/10.01.01.14100>

Weight	23.10 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 050 G1/8-AG

Part no.:10.01.06.04250

Connection geometry: 050

Vacuum connection: G1/8"-M

Fitting length: 7.2 mm

Nominal diameter dn: 4.1 mm



SUF 50 SI-55 SC050

Part no.:10.01.01.13974

Size: 50

Suction cup material: Silicone SI

Material characteristics: FDA-compatible

Material hardness [Shore A]: 55 Shore A