

Flat suction cup (round)

SUF 5 SI-55 M5-IG

Part no.: 10.01.01.14227

<https://www.schmalz.co.jp/10.01.01.14227>

Home > Vacuum Technology for Automation > Vacuum Components > Vacuum Suction Cups > Flat Suction Cups (Round) > Flat Suction Cups SUF > SUF 5 SI-55 M5-IG

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



Size: 5

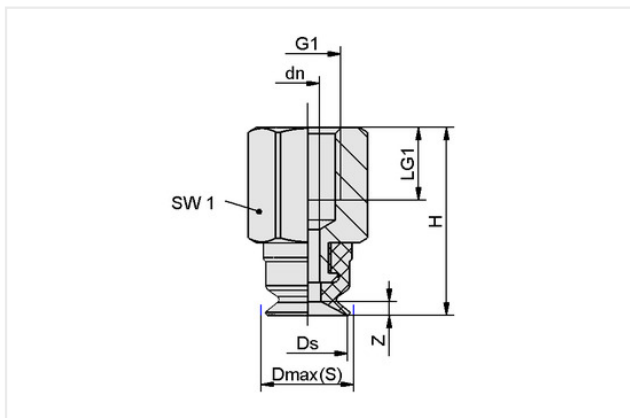
Suction cup material: Silicone SI

Material hardness [Shore A]: 55 Shore A

Material characteristics: FDA-compatible

Vacuum connection: M5-F

Design Data



Attribute	Value
Dmax (S)	5.70 mm
Ds	5 mm
dn	1.80 mm
G1	M5-F
H	14.20 mm
LG1	5.50 mm
SW1	8 mm
Z (Stroke)	0.50 mm

Technical Data

Attribute	Value
Suction force (-600mbar)	0.90 N
Pull-off force	0.90 N
Volume	0.01 cm ³
Curve radius (min) (convex)	8 mm
Hose diameter (rec.) d	2 mm
Size	5
Suction cup material	Silicone SI
Material hardness [Shore A]	55 Shore A

Contact Schmalz

Schmalz K.K. | 3001-7 Odana-cho, Tsuzuki-ku, 224-0027 Yokohama, Japan | +81 45 565 5150 | schmalz@schmalz.co.jp

Flat suction cup (round)

SUF 5 SI-55 M5-IG

Part no.: 10.01.01.14227

<https://www.schmalz.co.jp/10.01.01.14227>

Weight	1.10 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 020 M5-IG

Part no.: 10.01.06.04306

Connection geometry: 020

Vacuum connection: M5-F

Fitting length: 8.7 mm

Nominal diameter dn: 1.8 mm



SUF 5 SI-55 SC020

Part no.: 10.01.01.13962

Size: 5

Suction cup material: Silicone SI

Material characteristics: FDA-compatible

Material hardness [Shore A]: 55 Shore A

Contact Schmalz

Schmalz K.K. | 3001-7 Odana-cho, Tsuzuki-ku, 224-0027 Yokohama, Japan | +81 45 565 5150 | schmalz@schmalz.co.jp