

Flat suction cup (round)

SUF 90 NBR-55 G1/4-IG

Part no.:10.01.01.14065

<https://www.schmalz.com/10.01.01.14065>

Home > Vacuum Technology for Automation > Vacuum Components > Vacuum Suction Cups > Flat Suction Cups (Round) > Flat Suction Cups SUF > SUF 90 NBR-55 G1/4-IG

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



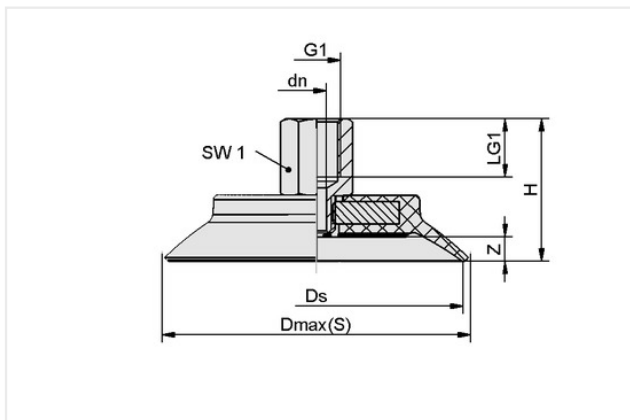
Size: 90

Suction cup material: Nitrile rubber NBR

Material hardness [Shore A]: 55 Shore A

Vacuum connection: G1/4"-F

Design Data



Attribute	Value
Dmax(S)	98.10 mm
Ds	90 mm
dn	5.10 mm
G1	G1/4"-F
H	35.40 mm
LG1	12 mm
SW1	17 mm
Z (Stroke)	7 mm

Technical Data

Attribute	Value
Suction force (-600mbar)	328 N
Pull-off force	328 N
Volume	34.30 cm ³
Curve radius (min) (convex)	150 mm
Hose diameter (rec.) d	6 mm
Size	90
Suction cup material	Nitrile rubber NBR
Material hardness [Shore A]	55 Shore A

Contact Schmalz

Schmalz Inc. | 5850 Oak Forest Drive, Raleigh, NC 27616, United States | +1 (919) 713-0880 | schmalz.us@schmalz.com

Flat suction cup (round)

SUF 90 NBR-55 G1/4-IG

Part no.:10.01.01.14065

<https://www.schmalz.com/10.01.01.14065>

Weight	99.80 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
