

Suction plate (round)

SPU 400 NBR-55 G1/2-IG

Part no.:10.01.01.01138

<https://www.schmalz.com/10.01.01.01138>

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Suction plate (round), universal, for smooth and slightly rough surfaces



Size: 400

Suction cup material: Nitrile rubber NBR

Material hardness [Shore A]: 55 Shore A

Connection: G1/2"-F

Design Data



Attribute	Value
d2	349 mm
d3	315 mm
Dmax(S)	430 mm
Ds	400 mm
G1	G1/2"-F
G2	G1/2"-F
H	28.50 mm
H1	29 mm
L2	86 mm
LG1	15.50 mm
LG2	17 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)	6780 N
Suction force d2	5870 N
Volume	890 cm ³
Curve radius (min) (convex)	6500 mm
Hose diameter (rec.) d	12 mm

Contact Schmalz

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Size	400
Suction cup material	Nitrile rubber NBR
Material hardness [Shore A]	55 Shore A
Weight	3900 g
Number of folds	0
Product family	SPU

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



DR-SPU 400 NBR-55

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Size: 400

Suction cup material: Nitrile rubber NBR

Material hardness [Shore A]: 55 Shore A