

Flat suction cup (round)

SGPN 20 SI-50 G1/8-AG

Part no.:10.01.01.11984

<https://www.schmalz.com/10.01.01.11984>

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Flat suction cup (round) for careful gripping of paper, plastic film, etc.



Size: 20

Suction cup material: Silicone SI

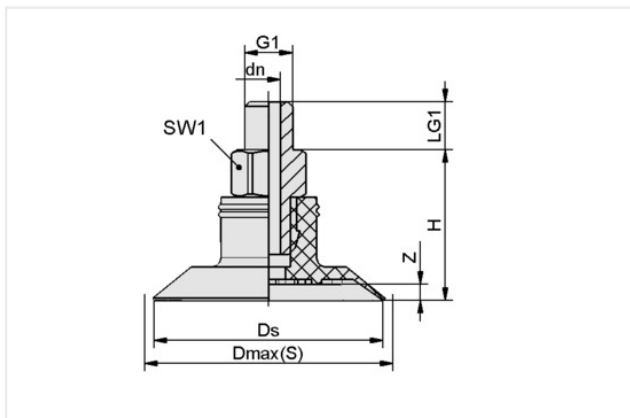
Material hardness [Shore A]: 50 Shore A

Nipple material: Aluminum

Material characteristics: FDA

Vacuum connection: G1/8"-M

Design Data



Attribute	Value
dn	3,50 mm
Dmax(S)	22 mm
Ds	20 mm
G1	G1/8"-M
H	16,40 mm
LG1	7,50 mm
SW1	14 mm
Z (Stroke)	1,50 mm

Note: Acceptable dimensional tolerances for elastomer parts concerning to DIN ISO 3302-1 M3

Technical Data

Attribute	Value
Suction force (-600mbar)	8,50 N
Volume	0,60 cm ³
Hose diameter (rec.) d	2 mm
Size	20
Number of folds	0
Suction cup material	Silicone SI
Material hardness [Shore A]	50 Shore A

Contact Schmalz

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Weight	5,60 g
Product family	SGPN

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



SA-NIP N016 G1/8-AG DN350

Part no.:10.01.06.05735

Nipple family: N 016

Thread G1: G1/8"-M

Length L1: 20 mm

Fitting length: 6 mm

Nominal diameter dn: 3,5 mm

Material: Aluminum



SGP 20 SI-50 N016

Part no.:10.01.01.11571

Size: 20

Suction cup material: Silicone SI

Material hardness [Shore A]: 50 Shore A