

Flat suction cup (round)

SGPN 35 SI-50 G1/4-AG

Part no.: 10.01.01.12785

<https://www.schmalz.co.jp/10.01.01.12785>

Home > Vacuum Technology for Automation > Vacuum Components > Vacuum Suction Cups > Suction Cups for Plastic Films and Paper > Flat Suction Cups SGPN > SGPN 35 SI-50 G1/4-AG

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



Size: 35

Suction cup material: Silicone SI

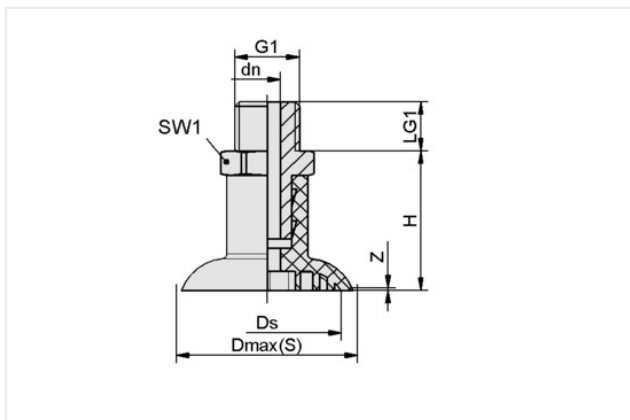
Material hardness [Shore A]: 50 Shore A

Nipple material: Aluminum

Material characteristics: FDA

Vacuum connection: G1/4"-M

Design Data



Attribute	Value
dn	5.50 mm
Dmax (S)	35 mm
Ds	34 mm
G1	G1/4"-M
H	28.50 mm
LG1	10 mm
SW1	17 mm
Z (Stroke)	0.50 mm

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

Technical Data

Attribute	Value
Suction force (-600mbar)	31 N
Volume	2.80 cm ³
Hose diameter (rec.) d	4 mm
Size	35
Number of folds	0
Suction cup material	Silicone SI
Material hardness [Shore A]	50 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)

SGPN 35 SI-50 G1/4-AG

Part no.: 10.01.01.12785

<https://www.schmalz.co.jp/10.01.01.12785>

Weight	14.40 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 N034 G1/4-AG DN550

Part no.: 10.01.01.00820

Thread G1: G1/4"-M

Fitting length: 5 mm

Material: Aluminum



SGP 35 SI-50 N034

Part no.: 10.01.01.12784

Size: 35

Suction cup material: Silicone SI

Material hardness [Shore A]: 50 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