

Bellows suction cup (round)

FG 14 SI-MD-55 N016

Part no.:10.01.06.03982

<https://www.schmalz.com/10.01.06.03982>

Home > Vacuum Technology for Automation > Vacuum Components > Vacuum Suction Cups > Suction Cups for the Packaging Industry > FG 14 SI-MD-55 N016

Bellows suction cup (round) for very uneven workpieces



Size: 14

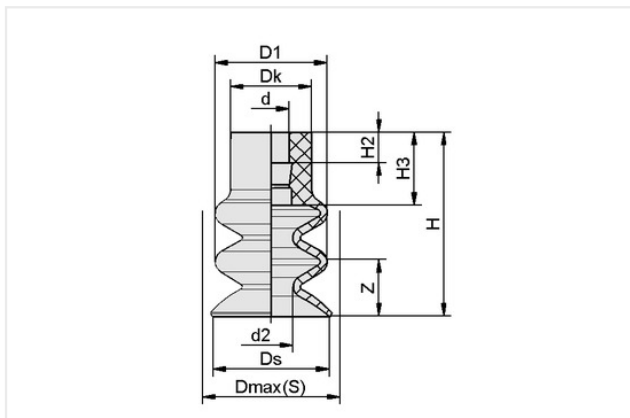
Suction cup material: Silicone SI metal detectable

Material hardness [Shore A]: 55 Shore A

Material characteristics: FDA-compatible

Number of folds: 2.5

Design Data



Attribute	Value
d	4.50 mm
d2	5.40 mm
D1	13.90 mm
Dk	10 mm
Dmax(S)	15.50 mm
Ds	14.50 mm
H	22.80 mm
H2	3.80 mm
H3	9 mm
Z (Stroke)	9 mm

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

Technical Data

Attribute	Value
Suction force (-600mbar)	1.37 N
Pull-off force	5.70 N
Volume	1.06 cm ³
Curve radius (min) (convex)	15 mm
Size	14
Nipple family	N 016
Number of folds	2.50

Contact Schmalz

Schmalz S.r.l. a Socio Unico | Via Ticino 105, 28066 Galliate (NO), Italy | +39 0321 62 15 10 | schmalz@schmalz.it

Bellows suction cup (round)

FG 14 SI-MD-55 N016

Part no...:10.01.06.03982

<https://www.schmalz.com/10.01.06.03982>

Suction cup material	Silicone SI metal detectable
Material hardness [Shore A]	55 Shore A
Weight	1.50 g
Product family	FG

Accessories



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



SA-NIP N016 G1/8-IG DN350

Part no...:10.01.06.05731

Nipple family: N 016

Thread G1: G1/8"-F

Length L1: 18.5 mm

Fitting length: 12 mm

Nominal diameter dn: 3.5 mm

Material: Aluminum

Contact Schmalz

Schmalz S.r.l. a Socio Unico | Via Ticino 105, 28066 Galliate (NO), Italy | +39 0321 62 15 10 | schmalz@schmalz.it

Bellows suction cup (round)

FG 14 SI-MD-55 N016

Part no...:10.01.06.03982

<https://www.schmalz.com/10.01.06.03982>



SA-NIP N016 M5-AG DN250

Part no...:10.01.06.00123

Nipple family: N 016

Thread G1: M5-M

Length L1: 16 mm

Fitting length: 5 mm

Nominal diameter dn: 2.5 mm

Material: Aluminum



SA-NIP N016 G1/8-AG DN310

Part no...:10.01.06.04062

Nipple family: N 016

Thread G1: G1/8"-M

Length L1: 20 mm

Fitting length: 6 mm

Nominal diameter dn: 3.1 mm

Spanner size SW2: 3 mm

Material: Aust. Stainless steel



SA-NIP N016 M5-AG DN250

Part no...:10.01.06.04365

Nipple family: N 016

Thread G1: M5-M

Length L1: 16 mm

Fitting length: 5 mm

Nominal diameter dn: 2.5 mm

Spanner size SW2: 3 mm

Material: Aust. Stainless steel

Contact Schmalz

Schmalz S.r.l. a Socio Unico | Via Ticino 105, 28066 Galliate (NO), Italy | +39 0321 62 15 10 | schmalz@schmalz.it

Bellows suction cup (round)

FG 14 SI-MD-55 N016

Part no...:10.01.06.03982

<https://www.schmalz.com/10.01.06.03982>



SA-NIP N016 M5-IG DN310

Part no...:10.01.06.04689

Nipple family: N 016

Thread G1: M5-F

Length L1: 16 mm

Fitting length: 10 mm

Nominal diameter dn: 3.1 mm

Spanner size SW2: 3 mm

Material: Aust. Stainless steel



SA-NIP N016 G1/8-IG DN310

Part no...:10.01.06.04690

Nipple family: N 016

Thread G1: G1/8"-F

Length L1: 18.5 mm

Fitting length: 12 mm

Nominal diameter dn: 3.1 mm

Material: Aust. Stainless steel