

Flat suction cup (round)

PFG 10 SI-55 N004

Part no.:10.01.01.00030

<https://www.schmalz.com/10.01.01.00030>

Home > Vacuum Technology for Automation > Vacuum Components > Vacuum Suction Cups > Flat Suction Cups (Round) > PFG 10 SI-55 N004

Flat suction cup (round) for smooth or slightly rough surfaces



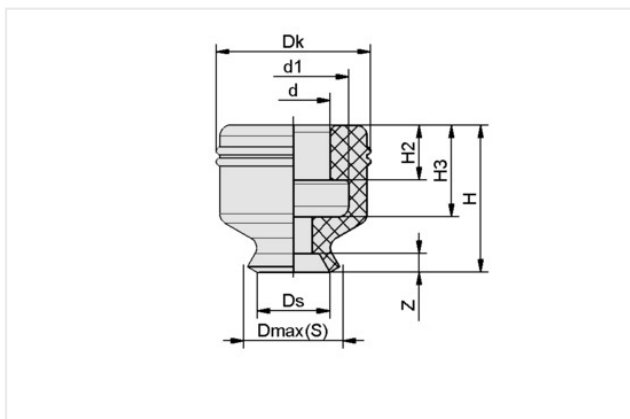
Size: 10

Suction cup material: Silicone SI

Material hardness [Shore A]: 55 Shore A

Material characteristics: FDA-compatible

Design Data



Attribute	Value
d	4 mm
d1	6 mm
Dk	8.70 mm
Dmax(S)	11.50 mm
Ds	10 mm
H	7.50 mm
H2	2 mm
H3	4 mm
Z (Stroke)	1.40 mm

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

Technical Data

Attribute	Value
Suction force (-600mbar)	4 N
Volume	0.15 cm ³
Curve radius (min) (convex)	12.50 mm
Size	10
Nipple family	N 004
Suction cup material	Silicone SI
Material hardness [Shore A]	55 Shore A
Weight	0.30 g

Contact Schmalz

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

Flat suction cup (round)

PFG 10 SI-55 N004

Part no.:10.01.01.00030

<https://www.schmalz.com/10.01.01.00030>

Product family

PFG

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

Accessories



SA-NIP N004 G1/8-AG DN200

Part no.:10.01.01.03528

Thread G1: G1/8"-M

Length L1: 17 mm

Fitting length: 5 mm

Material: Aluminum



SA-NIP N004 G1/8-IG DN200

Part no.:10.01.01.03520

Thread G1: G1/8"-F

Length L1: 20 mm

Fitting length: 16 mm

Material: Aluminum



SA-NIP N004 M5-AG DN200

Part no.:10.01.01.03526

Thread G1: M5-M

Length L1: 13.5 mm

Fitting length: 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

Flat suction cup (round)

PFG 10 SI-55 N004

Part no...:10.01.01.00030

<https://www.schmalz.com/10.01.01.00030>



SA-NIP N004 M5-IG DN200

Part no...:10.01.01.03518

Thread G1: M5-F

Length L1: 14 mm

Fitting length: 10 mm

Material: Aluminum