

Flat suction cup (round)

PFG 25 SI-55 N007

Part no.:10.01.01.00033

<https://www.schmalz.com/10.01.01.00033>

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



Size: 25

Suction cup material: Silicone SI

Material hardness [Shore A]: 55 Shore A

Material characteristics: FDA-compatible

Design Data



Attribute	Value
d	6 mm
d1	11 mm
Dk	16.20 mm
Dmax(S)	27.50 mm
Ds	25 mm
H	14 mm
H2	7 mm
Z (Stroke)	3 mm

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

Technical Data

Attribute	Value
Suction force (-600mbar)	26.50 N
Volume	1.84 cm ³
Curve radius (min) (convex)	25 mm
Size	25
Nipple family	N 007
Suction cup material	Silicone SI
Material hardness [Shore A]	55 Shore A
Weight	2.40 g

Contact Schmalz

Schmalz S.A. | Avda. Ribera de Axpe. 49, P.A.E. UDONDO-Edificio B-Nave 2, 48950 Erandio (Vizcaya), Spain | +34 94 4805585 | schmalz@schmalz.es

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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 N007 G1/8-AG DN240

Part no...:10.01.01.03531

Nipple family: N 007

Thread G1: G1/8"-M

Length L1: 21 mm

Length L: 5 mm

Fitting length: 5 mm

Nominal diameter dn: 2.4 mm

Material: Aluminum

Spanner size SW2: 4 mm



SA-NIP N007 G1/8-IG DN350

Part no...:10.01.01.03523

Nipple family: N 007

Thread G1: G1/8"-F

Length L1: 24.5 mm

Length L: 16 mm

Fitting length: 16 mm

Nominal diameter dn: 3.5 mm

Material: Aluminum

Spanner size SW2: 4 mm



SU 25

Part no...:10.01.01.13584

Size: 25

Clamping range: 25.0 ... 30.0 mm

Temperature resistance: 80 °C

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