

Bellows suction cup (round)

<https://www.schmalz.com/10.01.06.00094>



FSGA 78 SI-55 G1/4-AG

Part no.: 10.01.06.00094

Homepage > Vacuum Technology for Automation > Vacuum Components > Vacuum Suction Cups > Bellows Suction Cups (Round) > Bellows Suction Cups FSGA (1.5 Folds) > FSGA 78 SI-55 G1/4-AG

Bellows suction cup (round) with optimal adaptation to uneven surfaces



Size: 78
Number of folds: 1.5
Suction cup material: Silicone SI
Material hardness: 55 °Sh
Material characteristics:
FDA-compatible
Nipple material: Aluminium
Vacuum connection: G1/4-M

Design Data



Attribute	Value
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d2	54 mm
Dmax(S)	84.5 mm
dn	8.2 mm
Ds	74 mm
G1	G1/4"-M
H	53 mm
LG1	11 mm
SW1	21 mm
Z	14 mm

Contact to Schmalz

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Technical Data

Attribute	Value
Number of folds	1.5
Pull-off force	218 N
Size	78
Weight	71 g
Nipple	N 019
Suction cup material	Silicone SI
Suction force	137.4 N
Internal hose diameter (recom.)	6 mm
Volume	75.583 cm ³
Material hardness	55 °Sh
Curve radius (min) (convex)	70 mm
Product family	FSGA

Note:

- Suction force: The specified suction forces are theoretical values at a vacuum of -0.6 bar and with a smooth, dry workpiece surface - they do not include a safety factor
- Pull-off force: The pull-off force of the versions made of natural rubber is reduced by about 40%
- Hose diameter: The recommended hose diameter refers to a hose length of approx. 2 m

Spare Parts

Contact to Schmalz



SA-NIP N019 G1/4-AG DN820

Part no. 10.01.06.01959

Suction cup connection nipple

Nipple: N 019

Thread G1: G1/4-M

Overall length: 40 mm

Fitting length: 6 mm

Nominal size: 8,20 mm

Material: Aluminium

Spanner size SW2: 8 mm



FGA 78 SI-55 N019

Part no. 10.01.06.00129

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