

Flat suction cup (round)

## SUF 70 SI-55 G1/4-AG



Art.-Nr.: 10.01.01.14068



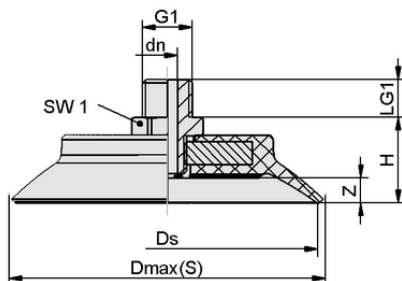
### Technical data

Attribute	Value
Suction cup material	Silicone SI
Material hardness [Shore A]	55.0 Shore A
Size	70.00
Vacuum connection	G1/4"-M
Material characteristics	FDA-compatible

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Suction cup SUF (elastomer part + connector) is delivered assembled.

Available spare parts: suction cup SUF, connector SC



### Design data

Attribute	Value
Height H	22.50 mm
Nominal diameter dn	5.10 mm
Thread G1	G1/4"-M
Thread length LG1	10.0 mm
Key width SW1	17.0 mm
Spring stroke Z	6.0 mm
Diameter Ds	70.0 mm
Diameter Dmax(S)	77.2 mm

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### Technical data

Attribute	Value
Suction cup material	Silicone SI
Material hardness [Shore A]	55.0 Shore A
Hose inner diameter (recom.) d	6.0 mm
Workpiece radius min. (convex)	100.0 mm
Pull-off force	198.00 N
Suction force (-600mbar)	198.00 N
Weight	59.60 g
Volume	18.000 cm <sup>3</sup>
Size	70.00
Number of folds	0.0
Product family	SUF

Note: Suction force: The suction force values are theoretical values at -0.6 bar vacuum and a dry, smooth and even workpiece surface – they are specified without safety factors. Hose inner diameter: The recommended hose diameter refers to a hose length of approx. 2 m



### Further documentation

CAD data and other documents relating to the article can be found at: [www.schmalz.com/10.01.01.14068](http://www.schmalz.com/10.01.01.14068)



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