

Flat suction cup (round)

SUF 100 SI-55 G1/4-IG



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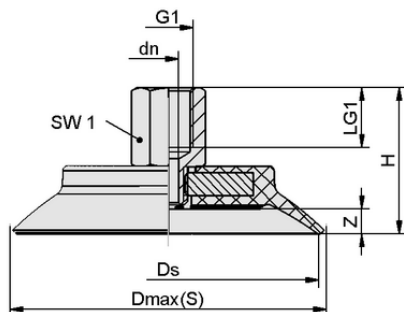
Technical data

Attribute	Value
Suction cup material	Silicone SI
Material hardness [Shore A]	55.0 Shore A
Size	100.00
Vacuum connection	G1/4"-F
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	35.90 mm
Nominal diameter dn	5.10 mm
Thread G1	G1/4"-F
Thread length LG1	12.0 mm
Key width SW1	17.0 mm
Spring stroke Z	7.5 mm
Diameter Ds	100.0 mm
Diameter Dmax(S)	108.0 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)	200.0 mm
Pull-off force	402.00 N
Suction force (-600mbar)	402.00 N
Weight	113.80 g
Volume	46.400 cm ³
Size	100.00
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/10.01.01.14076

