

Flat suction cup (round)

SUF 90 SI-55 NPT1/4-IG



Art.-Nr.: 10.01.01.15157



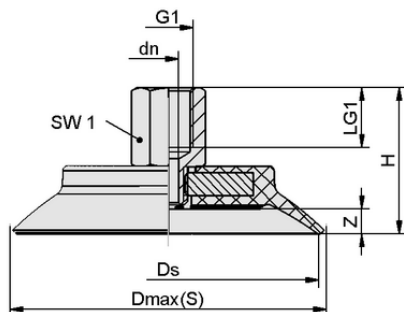
Technical data

Attribute	Value
Suction cup material	Silicone SI
Material hardness [Shore A]	55.0 Shore A
Size	90.00
Vacuum connection	NPT1/4-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	39.50 mm
Nominal diameter dn	5.50 mm
Thread G1	NPT1/4" -F
Thread length LG1	10.0 mm
Key width SW1	22.0 mm
Spring stroke Z	7.0 mm
Diameter Ds	90.0 mm
Diameter Dmax(S)	98.1 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)	150.0 mm
Pull-off force	328.00 N
Suction force (-600mbar)	328.00 N
Weight	99.80 g
Volume	34.300 cm ³
Size	90.00
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/10.01.01.15157

**Ordering Data Spare Parts 10.01.01.15157**

Typ		Item number
Extension with hexagon	ERW-S M10x1.25-AG NPT1/4-IG AL	10.01.01.15180
Flat suction cup (round)	SUF 90 SI-55 M10x1.25-IG N009	10.01.01.13978

