

Flat suction cup (round)

SUF 35 SI-55 NPT1/4-AG



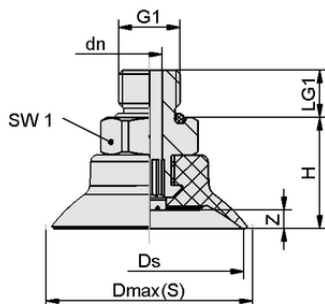
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SUF 35 SI-55 NPT1/4-AG

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

Available spare parts: suction cup SUF, connector SC



Design data SUF 35 SI-55 NPT1/4-AG

Technical data

Attribute	Value
Suction cup material	Silicone SI
Material hardness [Shore A]	55.0 Shore A
Size	35.00
Vacuum connection	NPT1/4-M
Material characteristics	FDA-compatible

Design data

Attribute	Value
Height H	20.90 mm
Nominal diameter dn	4.10 mm
Thread G1	NPT1/4"-M
Thread length LG1	10.0 mm
Key width SW1	17.0 mm
Spring stroke Z	3.5 mm
Diameter Ds	35.0 mm
Diameter Dmax(S)	39.2 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	4.0 mm
Workpiece radius min. (convex)	40.0 mm
Pull-off force	46.00 N
Weight	14.10 g
Volume	2.400 cm ³
Size	35.00
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/10.01.01.15069

**Ordering Data Spare Parts 10.01.01.15069**

Typ		Item number
Schmalz-Connector	SC 050 NPT1/4-AG MOD	10.01.06.04896
Flat suction cup (round)	SUF 35 SI-55 SC050	10.01.01.13972

