

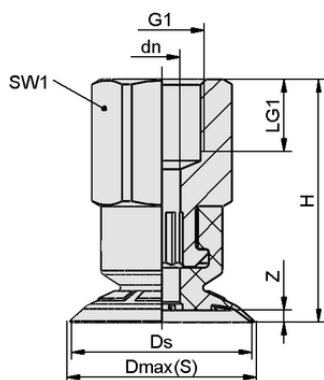
Technical data

Attribute	Value
Suction cup material	Silicone SI
Material hardness [Shore A]	55.0 Shore A
Size	40.00
Material characteristics	FDA-compatible

SFF 40 SI-55 NPT1/4-IG

The suction cup SFF / SFB1 (elastomer part + connection nipple) is supplied assembled.

Available spare parts: suction cup SFF / SFB1, connection nipple SC



Design data

Attribute	Value
Height H	36.30 mm
Nominal diameter dn	4.10 mm
Thread length LG1	12.0 mm
Key width SW1	17.0 mm
Spring stroke Z	2.7 mm
Diameter Ds	40.0 mm
Diameter Dmax(S)	42.0 mm
Thread G1	NPT1/4-IG

Design data SFF 40 SI-55 NPT1/4-IG

Art.-Nr.: 10.01.01.14999

**Technical data**

Attribute	Value
Suction cup material	Silicone SI
Material hardness [Shore A]	55.0 Shore A
Pull-off force	47.40 N
Suction force (-600mbar)	48.60 N
Weight	17.30 g
Volume	4.300 cm ³
Size	40.00
Number of folds	0.0
Product family	SFF

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/10.01.01.14999

**Ordering Data Spare Parts 10.01.01.14999**

Typ		Item number
Schmalz-Connector	SC 050 NPT1/4-IG MOD	10.01.06.04902
Flat suction cup (round)	SFF 40 SI-55 SC050	10.01.01.13750

