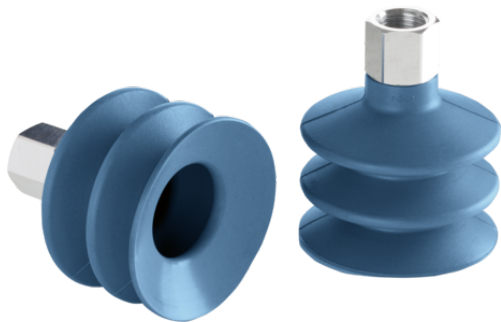
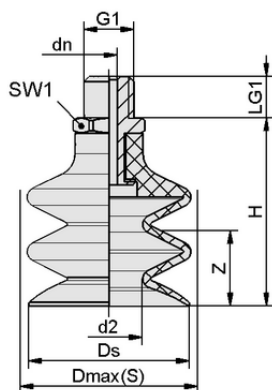




Technical data

Attribute	Value
Suction cup material	Silicone SI metal detectable
Material hardness [Shore A]	55.0 Shore A
Size	52.00
Number of folds	2.5
Connection	G1/4"-F
Nipple material	Aluminum
Material characteristics	FDA-compatible

FSG 52 SI-MD-55 G1/4-IG



Design data

Attribute	Value
Height H	63.70 mm
Nominal diameter dn	4.40 mm
d2	24.6 mm
Thread G1	G1/4"-F
Thread length LG1	12.0 mm
Key width SW1	17.0 mm
Spring stroke Z	25.0 mm
Diameter Ds	52.5 mm
Diameter Dmax(S)	55.0 mm

Design data FSG 52 SI-MD-55 G1/4-IG

Art.-Nr.: 10.01.06.05725

**Technical data**

Attribute	Value
Suction cup material	Silicone SI metal detectable
Material hardness [Shore A]	55.0 Shore A
Hose inner diameter (recom.) d	6.0 mm
Workpiece radius min. (convex)	75.0 mm
Pull-off force	96.00 N
Suction force (-600mbar)	28.52 N
Weight	32.0 g
Volume	35.000 cm ³
Size	52.00
Number of folds	2.5
Product family	FSG
Connection	G1/4-IG

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/10.01.06.05725

**Ordering Data Spare Parts 10.01.06.05725**

Typ		Item number
Bellows suction cup (round)	FG 52 SI-MD-55 N018	10.01.06.04882
Suction cup connection nipple	SA-NIP N018 G1/4-AG DN440	10.01.06.01065

