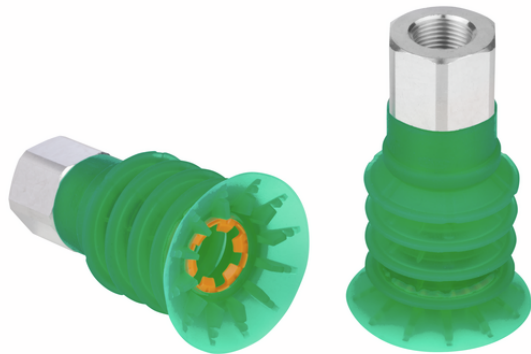




SPB4f 50 SI-55 NPT1/4-IG

Technical data

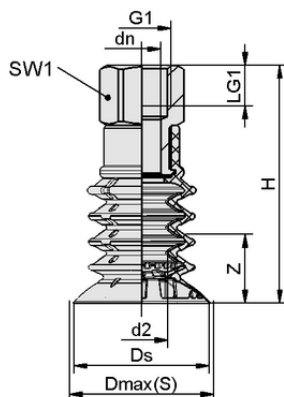
Attribute	Value
Suction cup material	Silicone SI
Material hardness [Shore A]	55.0 Shore A
Size	50.00
Number of folds	4.5
Thread G1	NPT1/4"-F

Suction cup SPB4f (elastomer part + connection element) with integrated bag stabilizer is delivered assembled. The assembly consists of:

- Suction cup of type SPB4f – elastomer part, available in various diameters
- Connection element of type SC – available with various threads

Available spare parts: suction cup SPB4f, Schmalz-Connector

Available accessories: filter screen (sieve, round), hose clamp



Design data SPB4f 50 SI-55 NPT1/4-IG

Design data

Attribute	Value
Height H	86.50 mm
Nominal diameter dn	10.30 mm
d2	21.0 mm
Thread G1	NPT1/4"-F
Thread length LG1	12.8 mm
Key width SW1	27.0 mm
Spring stroke Z	26.0 mm
Diameter Ds	49.7 mm
Diameter Dmax(S)	52.0 mm

Art.-Nr.: 10.01.06.05090

**Technical data**

Attribute	Value
Suction cup material	Silicone SI
Material hardness [Shore A]	55.0 Shore A
Hose inner diameter (recom.) d	12.0 mm
Pull-off force	35.00 N
Suction force (-600mbar)	41.00 N
Weight	64.70 g
Volume	33.110 cm ³
Number of folds	4.5
Suction force at -400 mbar	27.30 N
Suction force at -200 mbar	13.70 N
Product family	SPB4f

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/10.01.06.05090

**Ordering Data Spare Parts 10.01.06.05090**

Typ		Item number
Schmalz-Connector	SC 090 NPT1/4-IG	10.01.06.03667
Bellows suction cup (round)	SPB4 50 SI-55 SC090	10.01.06.02613

