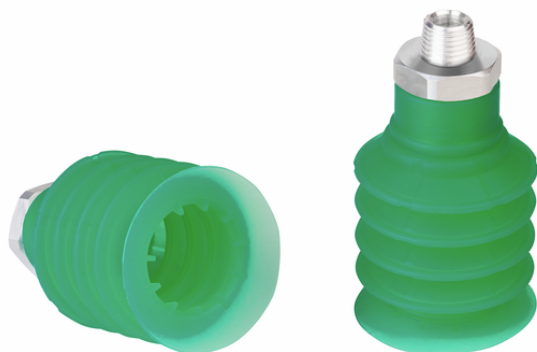




SPB4 50 SI-55 NPT3/8-AG

Technical data

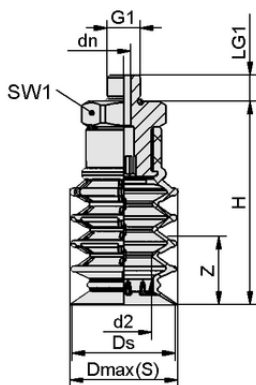
Attribute	Value
Suction cup material	Silicone SI
Material hardness [Shore A]	55.0 Shore A
Size	50.00
Number of folds	4.5
Thread G1	NPT3/8"-M

Suction cup SPB4 (elastomer part + connection element) is delivered assembled. The assembly consists of:

- Suction cup of type SPB4 – elastomer part, available in various diameters
- Connection element of type SC – available with various threads

Available spare parts: suction cup SPB4, connection element (Schmalz-Connector)

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



Design data SPB4 50 SI-55 NPT3/8-AG

Design data

Attribute	Value
Height H	83.50 mm
Nominal diameter dn	10.30 mm
d2	30.0 mm
Thread G1	NPT3/8"-M
Thread length LG1	10.4 mm
Key width SW1	27.0 mm
Spring stroke Z	36.5 mm
Diameter Ds	50.3 mm
Diameter Dmax(S)	51.5 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	12.0 mm
Pull-off force	62.00 N
Suction force (-600mbar)	49.50 N
Weight	52.80 g
Volume	64.550 cm ³
Size	50.00
Number of folds	4.5
Product family	SPB4

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/10.01.06.05031

**Ordering Data Spare Parts 10.01.06.05031**

Typ		Item number
Schmalz-Connector	SC 090 NPT3/8-AG	10.01.06.03668
Bellows suction cup (round)	SPB4 50 SI-55 SC090	10.01.06.02613