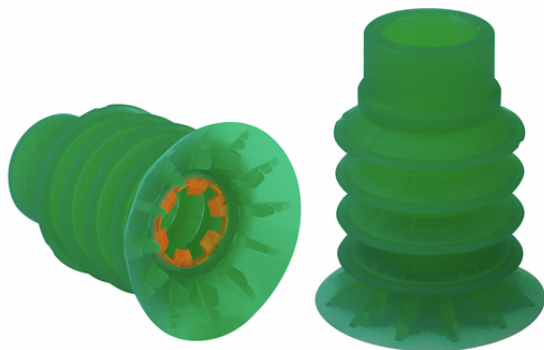


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SPB4f 50 SI-55 SC090

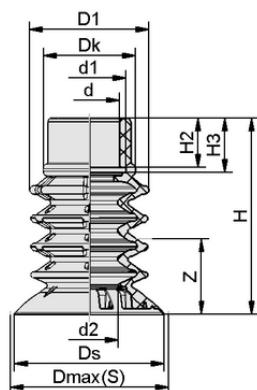
Technical data

Attribute	Value
Suction cup material	Silicone SI
Material hardness [Shore A]	55.0 Shore A
Size	50.00
Number of folds	4.5

Suction cup SPB4f (elastomer part + connection element) with integrated bag stabilizer is delivered assembled. As an alternative the individual parts can also be ordered separately. To do this, the following ordering steps are required:

- Suction cup of type SPB4f (step 1) – elastomer part, available in various diameters
- Connection element of type SC (step 2) – available with various threads

Available accessories: filter screen, hose clamp



Design data SPB4f 50 SI-55 SC090

Design data

Attribute	Value
Height H2	14.00 mm
Height H	65.00 mm
Outside diameter D1	41.6 mm
Head diameter Dk	31.0 mm
Internal diameter d1	24.8 mm
d2	21.0 mm
Internal diameter d	20.00 mm
Spring stroke Z	26.0 mm
Diameter Ds	49.7 mm
Height H3	16.00 mm

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**Technical data**

Attribute	Value
Nipple family	SC 090
Suction cup material	Silicone SI
Material hardness [Shore A]	55.0 Shore A
Suction force (-600mbar)	41.00 N
Weight	22.60 g
Volume	33.110 cm ³
Size	50.00
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/10.01.06.03266

**Ordering Data Accessories 10.01.06.03266**

Typ		Item number
Schmalz-Connector	SC 090 NPT1/4-AG	10.01.06.03666
Schmalz-Connector	SC 090 NPT1/4-IG	10.01.06.03667
Schmalz-Connector	SC 090 NPT3/8-AG	10.01.06.03668
Schmalz-Connector	SC 090 NPT3/8-IG	10.01.06.03669
Sieve, round	SIEB 19.5x1 MS-A2 103	10.07.01.00321

