

Flat suction cup (round)

SFF 40 NBR-ESD-55 SC050



Art.-Nr.: 10.01.01.14637



SFF 40 NBR-ESD-55 SC050

Technical data

Attribute	Value
Suction cup material	Nitrile rubber NBR-ESD
Material hardness [Shore A]	55.0 Shore A
Size	40.00
Number of folds	0.0

Design data

Attribute	Value
Height H2	6.60 mm
Height H	19.00 mm
Head diameter Dk	21.9 mm
Internal diameter d1	17.1 mm
Internal diameter d	11.40 mm
Spring stroke Z	2.7 mm
Diameter Ds	40.0 mm
Height H3	9.50 mm
Diameter Dmax(S)	42.0 mm

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**Technical data**

Attribute	Value
Nipple family	SC 050
Suction cup material	Nitrile rubber NBR-ESD
Material hardness [Shore A]	55.0 Shore A
Workpiece radius min. (convex)	45.0 mm
Pull-off force	47.40 N
Suction force (-600mbar)	47.40 N
Weight	6.70 g
Volume	4.331 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/10.01.01.14637

**Ordering Data Accessories 10.01.01.14637**

Typ		Item number
Schmalz-Connector	SC 050 G1/4-AG SW410	10.01.06.04347
Schmalz-Connector	SC 050 G1/4-IG SW410	10.01.06.04348

**Ordering Data Spare Parts 10.01.01.14637**

Typ		Item number
Schmalz-Connector	SC 040 M5-AG	10.01.06.04346

