

Flat suction cup (round)

SUF 12 NBR-ESD-55 SC030

Art.-Nr.: 10.01.01.14030



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Technical data

Attribute	Value
Suction cup material	Nitrile rubber NBR-ESD
Material hardness [Shore A]	55.0 Shore A
Size	12.00



Design data

Attribute	Value
Height H2	4.30 mm
Height H	8.60 mm
Head diameter Dk	9.5 mm
Internal diameter d1	7.3 mm
Internal diameter d	5.30 mm
Spring stroke Z	1.2 mm
Diameter Ds	12.0 mm
Height H3	5.80 mm
Diameter Dmax(S)	13.2 mm

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**Technical data**

Attribute	Value
Suction cup material	Nitrile rubber NBR-ESD
Material hardness [Shore A]	55.0 Shore A
Workpiece radius min. (convex)	12.5 mm
Pull-off force	5.00 N
Suction force (-600mbar)	5.00 N
Weight	0.51 g
Volume	0.120 cm ³
Size	12.00
Product family	SUF
Interface nipple family	SC030

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/10.01.01.14030

**Ordering Data Accessories 10.01.01.14030**

Typ		Item number
Schmalz-Connector	SC 030 G1/8-AG	10.01.06.04288
Schmalz-Connector	SC 030 G1/8-IG	10.01.06.04307

