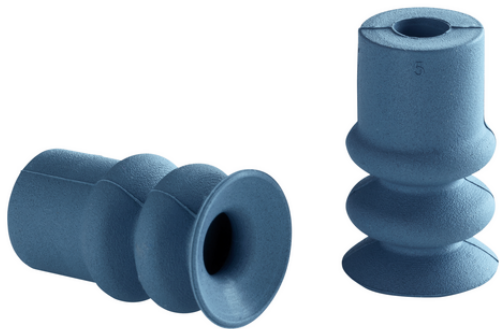


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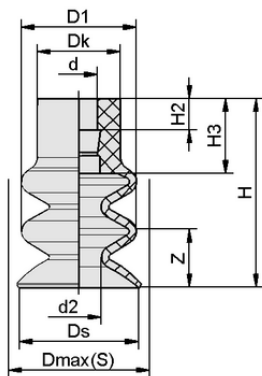
Technical data

Attribute	Value
Suction cup material	Silicone SI metal detectable
Material hardness [Shore A]	55.0 Shore A
Size	12.00
Number of folds	2.5
Material characteristics	FDA-compatible

Design data

Attribute	Value
Height H2	3.80 mm
Height H	21.00 mm
Outside diameter D1	12.0 mm
Head diameter Dk	10.0 mm
d2	5.0 mm
Internal diameter d	4.50 mm
Spring stroke Z	7.0 mm
Diameter Ds	12.0 mm
Height H3	9.00 mm
Diameter Dmax(S)	13.0 mm

Note: Acceptable dimensional tolerances for elastomer parts concerning to DIN ISO 3302-1 M3



Design data FG 12 SI-MD-55 N016

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**Technical data**

Attribute	Value
Nipple family	N 016
Suction cup material	Silicone SI metal detectable
Material hardness [Shore A]	55.0 Shore A
Workpiece radius min. (convex)	5.5 mm
Pull-off force	3.50 N
Suction force (-600mbar)	1.18 N
Weight	1.1 g
Volume	0.747 cm ³
Size	12.00
Number of folds	2.5
Product family	FG

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/10.01.06.04134

