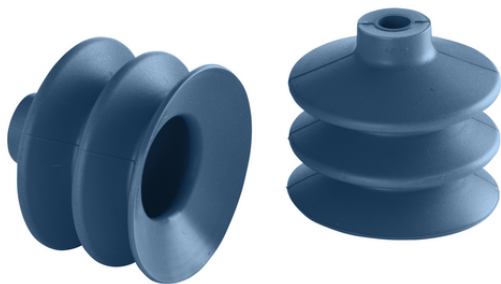
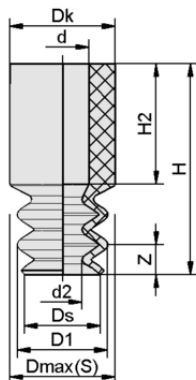


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FG 52 SI-MD-55 N018



Design data FG 52 SI-MD-55 N018

Technical data

Attribute	Value
Suction cup material	Silicone SI metal detectable
Material hardness [Shore A]	55.0 Shore A
Size	52.00
Number of folds	2.5
Material characteristics	FDA-compatible

Design data

Attribute	Value
Height H2	13.00 mm
Height H	48.70 mm
Outside diameter D1	52.0 mm
Head diameter Dk	18.0 mm
d2	24.6 mm
Internal diameter d	8.00 mm
Spring stroke Z	25.0 mm
Diameter Ds	52.5 mm
Diameter Dmax(S)	55.0 mm

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

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**Technical data**

Attribute	Value
Nipple family	N 018
Suction cup material	Silicone SI metal detectable
Material hardness [Shore A]	55.0 Shore A
Workpiece radius min. (convex)	75.0 mm
Pull-off force	96.00 N
Suction force (-600mbar)	28.52 N
Weight	22.9 g
Volume	37.587 cm ³
Size	52.00
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/10.01.06.04882

