



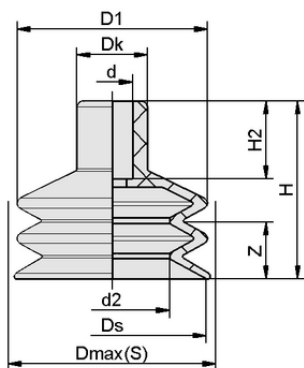
Technical data

Attribute	Value
Suction cup material	Polyvinyl chloride PVC
Material hardness [Shore A]	50.0 Shore A
Size	50.00
Number of folds	2.5

FG 50 PVC-50 N033

Suction cup FG PVC (elastomer part + connection element) is delivered assembled. The assembly consists of:

- Suction cup of type FG PVC – elastomer part, available in various diameters
- Connection nipple of type SA-NIP – available with various threads



Design data

Attribute	Value
Height H2	20.70 mm
Height H	47.20 mm
Outside diameter D1	50.5 mm
Head diameter Dk	18.7 mm
d2	30.4 mm
Internal diameter d	10.80 mm
Spring stroke Z	15.2 mm
Diameter Ds	50.0 mm
Diameter Dmax(S)	54.0 mm

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

Design data FG 50 PVC-50 N033

Art.-Nr.: 10.01.06.02469

**Technical data**

Attribute	Value
Nipple family	N 033
Suction cup material	Polyvinyl chloride PVC
Material hardness [Shore A]	50.0 Shore A
Hose inner diameter (recom.) d	6.0 mm
Workpiece radius min. (convex)	75.0 mm
Pull-off force	68.00 N
Suction force (-600mbar)	36.60 N
Weight	22.1 g
Volume	28.400 cm ³
Size	50.00
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/10.01.06.02469

**Ordering Data Accessories 10.01.06.02469**

Typ		Item number
Suction cup connection nipple	SA-NIP N033 G1/4-AG DN550	10.01.01.00818
Suction cup connection nipple	SA-NIP N033 G1/4-IG DN550	10.01.01.00817

