



Technical data

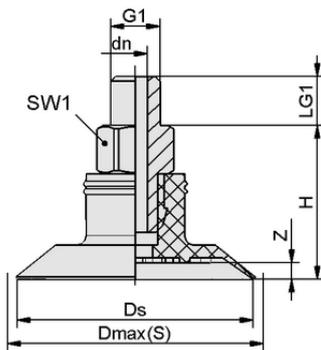
Suction cup material	Silicone SI
Material hardness [Shore A]	50.0 Shore A
Size	24.00
Material characteristics	FDA
Vacuum connection	M5-M
Nipple material	Aluminum

SGPN 24 SI-50 M5-AG

Flat suction cup SGPN (elastomer part + connection nipple) is delivered unassembled. The delivery consists of:

- Suction cup of type SGP – elastomer part, available in various diameters and materials
- Connection nipple of type SA-NIP – available with various threads

Available spare parts: suction cup SGP, connection nipple SA-NIP



Design data

Height H	15.80 mm
Nominal diameter dn	2.50 mm
Thread G1	M5-M
Thread length LG1	5.0 mm
Key width SW1	7.0 mm
Spring stroke Z	1.7 mm
Diameter Ds	24.0 mm
Diameter Dmax(S)	25.5 mm

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

Design data SGPN 24 SI-50 M5-AG

Art.-Nr.: 10.01.01.11986

**Technical data**

Suction cup material	Silicone SI
Material hardness [Shore A]	50.0 Shore A
Hose inner diameter (recom.) d	4.0 mm
Suction force (-600mbar)	11.00 N
Weight	2.10 g
Volume	0.851 cm ³
Size	24.00
Number of folds	0.0
Product family	SGPN

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

**Ordering Data Spare Parts 10.01.01.11986**

Typ		Item number
Suction cup connection nipple	SA-NIP N016 M5-AG DN250	10.01.06.00123

**Ordering Data Wear Parts 10.01.01.11986**

Typ		Item number
Flat suction cup (round)	SGP 24 SI-50 N016	10.01.01.10577

