

# Flat suction cup (round)

<https://www.schmalz.com/10.01.01.00337>



## PFYN 120 NBR-55 G1/2-IG

Part no.: 10.01.01.00337

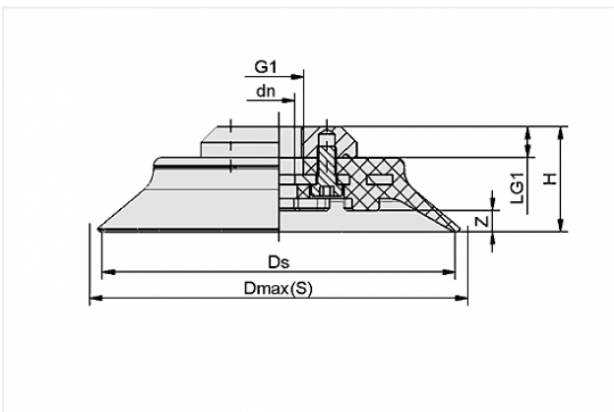
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### Flat suction cup (round) for smooth or slightly rough surfaces



Size: 120  
Suction cup material:  
Nitrile rubber NBR  
Material hardness: 55 °Sh  
Nipple material: Aluminium  
Vacuum connection: G1/2-F

### Design Data



Attribute	Value
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dn	13.5 mm
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Dmax(S)	124 mm
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Ds	120 mm
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G1	G1/2"-F
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H	36.5 mm
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LG1	13 mm
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Z	6 mm
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### Technical Data

Attribute	Value
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Suction force	540 N
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### Contact to Schmalz

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Attribute	Value
Volume	77.8 cm <sup>3</sup>
Curve radius (min) (convex)	300 mm
Internal hose diameter (recom.)	9 mm
Size	120
Number of folds	0
Suction cup material	Nitrile rubber NBR
Material hardness	55 °Sh
Weight	352.6 g
Product family	PFYN

**Note:**

- Suction force: The specified suction forces are theoretical values at a vacuum of -0.6 bar and with a smooth, dry workpiece surface - they do not include a safety factor
- Hose diameter: The recommended hose diameter refers to a hose length of approx. 2 m

**Spare Parts**



**SA-NIP N010 G1/2-IG**

Part no. 10.01.01.00796

Suction-pad connection nipple pre-assembly

Nipple: N 010

Thread 1: G1/2-F

Length: 13 mm

for: Flat suction pad PFG



**PFG 120 NBR-55 N010**

Part no. 10.01.01.00331

Flat suction cup (round) for smooth or slightly rough surfaces

Size: 120

Suction cup material:

Nitrile rubber NBR

Material hardness: 55 °Sh

**Accessories**



**SU 120**

Part no. 10.01.01.12437

Cover for suction cup

Size: 120

Clamping range: 115.0 ... 130.0 mm

Temperature resistance: 80 °C