Flat suction cup (round)

SPF 40 ED-65 G1/4-AG

Part no..:10.01.01.13246

https://www.schmalz.com/10.01.01.13246

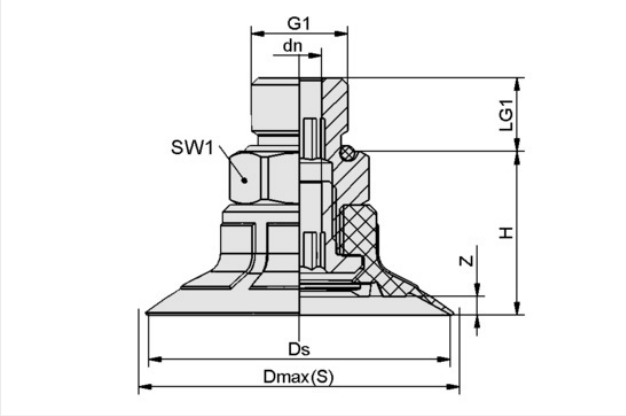
Home > Vacuum Technology for Automation > Vacuum Components > Vacuum Suction Cups > Suction Cups for the Packaging Industry > Flat Suction Cups SPF > SPF 40 ED-65 G1/4-AG

Flat suction cup (round) for dynamic handling of cardboard and rigid packaging



- Size: 40
- Suction cup material: Elastodur ED
- Material hardness [Shore A]: 65 Shore A
- Thread G1: G1/4"-M

Design Data



Attribute	Value
dn	6.10 mm
Dmax(S)	43.70 mm
Ds	41.40 mm
G1	G1/4"-M
H	22.20 mm
LG1	10 mm
SW1	17 mm
Z (Stroke)	2.50 mm

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

Technical Data

Attribute	Value
Suction force (-600mbar)	49.50 N
Pull-off force	62.50 N
Lateral force	25 N
Volume	5.09 cm^3
Curve radius (min) (convex)	70 mm
Hose diameter (rec.) d	6 mm
Size	40

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Number of folds	0
Suction cup material	Elastodur ED
Material hardness [Shore A]	65 Shore A
Weight	18.80 g
Product family	SPF

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

Accessories



SIEB 17.5x0.8 MS-A2 280 0.28/0.16

Part no..:10.07.01.00308

- External diameter D: 17.5 mm
- Length L: 0.8 mm
- Material: Brass / Stainless steel
- Filter pore size: 280 µm



SU 40

Part no..:10.01.01.12856

- Size: 40
- Clamping range: 35.0 ... 45.0 mm
- Temperature resistance: 80 °C

Flat suction cup (round)

SPF 40 ED-65 G1/4-AG

Part no..:10.01.01.13246

https://www.schmalz.com/10.01.01.13246



SC-SW 60 6

Part no..:10.05.04.00096

Spanner size SW1: 6 mm

Nominal size: 60



SC-SW 80 6

Part no..:10.05.04.00097

Spanner size SW1: 6 mm

Nominal size: 80



SC-SW 100 6

Part no..:10.05.04.00098

Spanner size SW1: 6 mm

Nominal size: 100

Flat suction cup (round)

SPF 40 ED-65 G1/4-AG

Part no..:10.01.01.13246

https://www.schmalz.com/10.01.01.13246



SC-SW 120 6

Part no..:10.05.04.00099

Spanner size SW1: 6 mm

Nominal size: 120



SC-SW 200 6

Part no..:10.05.04.00100

Spanner size SW1: 6 mm

Nominal size: 200



SC-SW 240 6

Part no..:10.05.04.00101

Spanner size SW1: 6 mm

Nominal size: 240

Spare parts

Flat suction cup (round)

SPF 40 ED-65 G1/4-AG

Part no..:10.01.01.13246

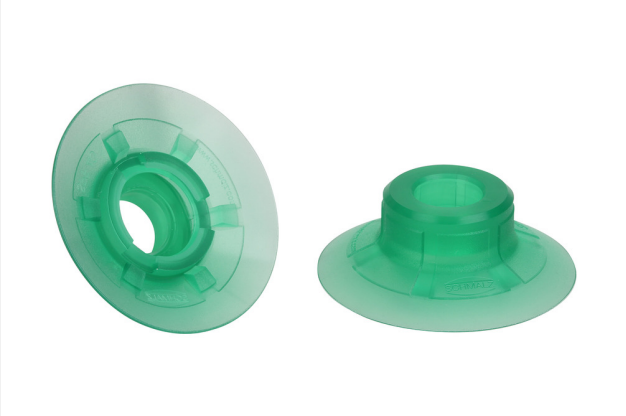
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SC 050 G1/4-AG MOD

Part no..:10.01.06.02487

Connection geometry: 050
Connection: G1/4"-M
Length L1: 26.5 mm
Fitting length: 7.2 mm
Nominal diameter dn: 6.1 mm



SPF 40 ED-65 SC050

Part no..:10.01.01.12373

Size: 40
Suction cup material: Elastodur ED
Material hardness [Shore A]: 65 Shore A
Height H: 15 mm