

## Flat suction cup (round)

SPF 25 ED-65 G1/8-AG

Part no.: 10.01.01.13242

<https://www.schmalz.com/10.01.01.13242>

Home > Vacuum Technology for Automation > Vacuum Components > Vacuum Suction Cups > Suction Cups for the Packaging Industry > Flat Suction Cups SPF > SPF 25 ED-65 G1/8-AG

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



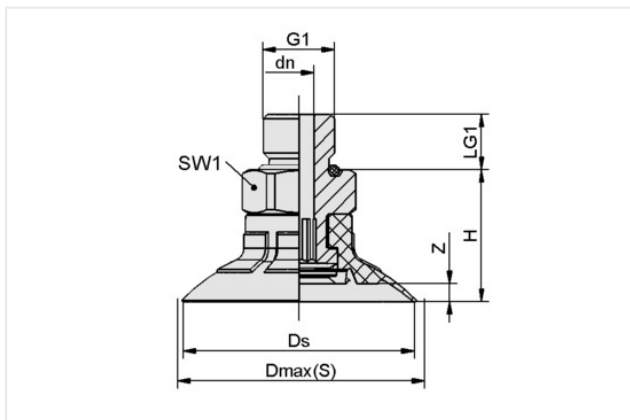
Size: 25

Suction cup material: Elastodur ED

Material hardness [Shore A]: 65 Shore A

Thread G1: G1/8"-M

### Design Data



| Attribute  | Value    |
|------------|----------|
| dn         | 4.10 mm  |
| Dmax(S)    | 28 mm    |
| Ds         | 26.40 mm |
| G1         | G1/8"-M  |
| H          | 17 mm    |
| LG1        | 7.50 mm  |
| SW1        | 14 mm    |
| Z (Stroke) | 2 mm     |

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

### Technical Data

| Attribute                   | Value                |
|-----------------------------|----------------------|
| Suction force (-600mbar)    | 22.70 N              |
| Pull-off force              | 27.10 N              |
| Lateral force               | 17 N                 |
| Volume                      | 1.70 cm <sup>3</sup> |
| Curve radius (min) (convex) | 30 mm                |
| Hose diameter (rec.) d      | 4 mm                 |
| Size                        | 25                   |

### Contact Schmalz

J. Schmalz GmbH | Johannes-Schmalz-Str.1, 72293 Glatten, Germany | +49 7443 2403-102 | [customercenter@schmalz.de](mailto:customercenter@schmalz.de)

## Flat suction cup (round)

SPF 25 ED-65 G1/8-AG

Part no.:10.01.01.13242

<https://www.schmalz.com/10.01.01.13242>

|                             |              |
|-----------------------------|--------------|
| Number of folds             | 0            |
| Suction cup material        | Elastodur ED |
| Material hardness [Shore A] | 65 Shore A   |
| Weight                      | 7.10 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 11x1 MS-A2 280 0.28/0.16

Part no.:10.07.01.00309

External diameter D: 11 mm

Length L: 1 mm

Material: Brass / Stainless steel

Filter pore size: 280 µm



#### SU 25

Part no.:10.01.01.13584

Size: 25

Clamping range: 25.0 ... 30.0 mm

Temperature resistance: 80 °C

### Spare parts

#### Contact Schmalz

J. Schmalz GmbH | Johannes-Schmalz-Str.1, 72293 Glatten, Germany | +49 7443 2403-102 | [customercenter@schmalz.de](mailto:customercenter@schmalz.de)

## Flat suction cup (round)

SPF 25 ED-65 G1/8-AG

Part no.:10.01.01.13242

<https://www.schmalz.com/10.01.01.13242>



### SC 040 G1/8-AG

Part no.:10.01.06.02490

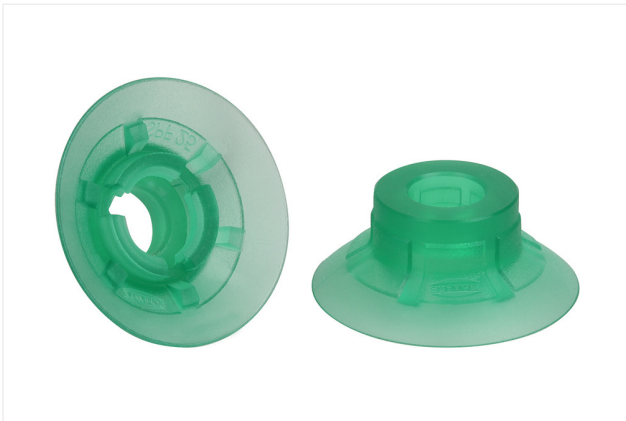
Connection geometry: 040

Connection: G1/8"-M

Length L1: 20.2 mm

Fitting length: 6 mm

Nominal diameter dn: 4.1 mm



### SPF 25 ED-65 SC040

Part no.:10.01.01.12371

Size: 25

Suction cup material: Elastodur ED

Material hardness [Shore A]: 65 Shore A

Height H: 11 mm