

## Flat suction cup (round)

SUF 30 SI-55 SC040

Part no...:10.01.01.13971

<https://www.schmalz.ru/10.01.01.13971>

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### Flat suction cup (round) f. process- safe handling of smooth or slightly rough surfaces



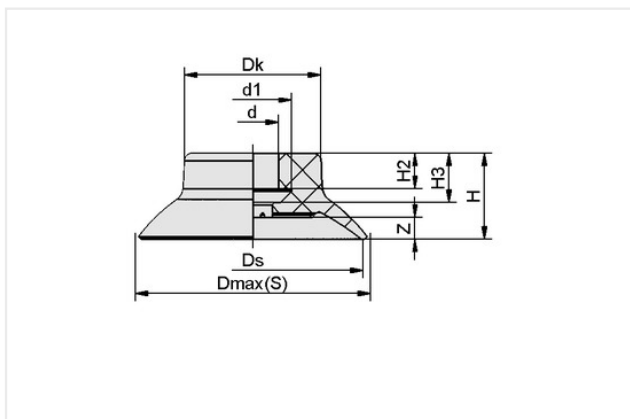
Size: 30

Suction cup material: Silicone SI

Material characteristics: FDA-compatible

Material hardness [Shore A]: 55 Shore A

### Design Data



| Attribute  | Value    |
|------------|----------|
| d1         | 10.50 mm |
| d          | 7 mm     |
| Dk         | 18.60 mm |
| Dmax(S)    | 33.30 mm |
| Ds         | 30 mm    |
| H          | 11.70 mm |
| H2         | 4.80 mm  |
| H3         | 6.70 mm  |
| Z (Stroke) | 3 mm     |

### Technical Data

| Attribute                   | Value                |
|-----------------------------|----------------------|
| Suction force (-600mbar)    | 34 N                 |
| Pull-off force              | 34 N                 |
| Volume                      | 1.60 cm <sup>3</sup> |
| Curve radius (min) (convex) | 35 mm                |
| Size                        | 30                   |
| Nipple family               | SC040                |
| Suction cup material        | Silicone SI          |
| Material hardness [Shore A] | 55 Shore A           |
| Weight                      | 4 g                  |

### Contact Schmalz

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Product family

SUF

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

### Accessories



#### 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



#### SC 040 G1/8-IG

Part no.:10.01.06.02482

Connection geometry: 040

Connection: G1/8"-F

Length L1: 20.7 mm

Fitting length: 14 mm

Nominal diameter dn: 4.1 mm