

## Flat suction cup (round)

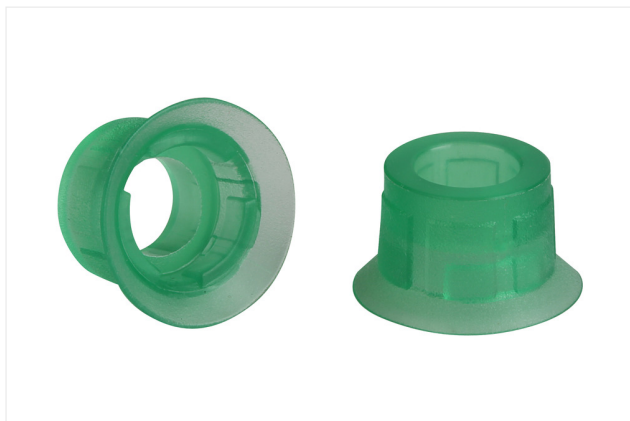
SPF 15 ED-65 SC040

Part no.:10.01.01.12895

<https://www.schmalz.com/10.01.01.12895>

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



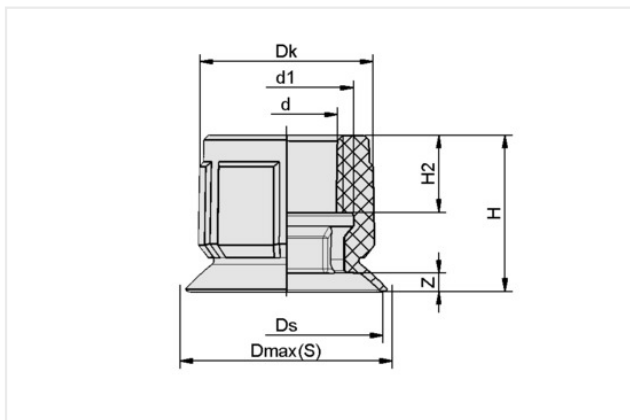
Size: 15

Suction cup material: Elastodur ED

Material hardness [Shore A]: 65 Shore A

Height H: 10 mm

### Design Data



| Attribute  | Value    |
|------------|----------|
| d          | 7.50 mm  |
| d1         | 10.40 mm |
| Dk         | 13 mm    |
| Dmax(S)    | 18.50 mm |
| Ds         | 16.40 mm |
| H          | 10 mm    |
| H2         | 4.60 mm  |
| Z (Stroke) | 1.50 mm  |

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

### Technical Data

| Attribute                   | Value                |
|-----------------------------|----------------------|
| Suction force (-600mbar)    | 9.80 N               |
| Pull-off force              | 11 N                 |
| Lateral force               | 7.90 N               |
| Volume                      | 0.76 cm <sup>3</sup> |
| Curve radius (min) (convex) | 13 mm                |
| Hose diameter (rec.) d      | 4 mm                 |
| Size                        | 15                   |

### Contact Schmalz

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|                             |              |
|-----------------------------|--------------|
| Nipple family               | SC 040       |
| Number of folds             | 0            |
| Suction cup material        | Elastodur ED |
| Material hardness [Shore A] | 65 Shore A   |
| Weight                      | 0.70 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



#### SC 040 NPT1/8-AG

Part no.:10.01.06.02541

Connection geometry: 040

Connection: NPT1/8-M

Length L1: 20.9 mm

Fitting length: 6 mm

Nominal diameter dn: 4.1 mm



#### SC 040 NPT1/8-IG

Part no.:10.01.06.02542

Connection geometry: 040

Connection: NPT1/8-F

Length L1: 20.7 mm

Fitting length: 14 mm

Nominal diameter dn: 4.1 mm

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