

## Flat suction cup (round) sensitive

SGN 16 SI-55 M5-AG

Part no.:10.01.01.10038

<https://www.schmalz.com/10.01.01.10038>

Home > Vacuum Technology for Automation > Vacuum Components > Vacuum Suction Cups > Suction Cups for Different Industries > Flat Suction Cups SGN > SGN 16 SI-55 M5-AG

### Flat suction cup (round), handling sensitive workpieces with uneven surfaces



Size: 16

Suction cup material: Silicone SI

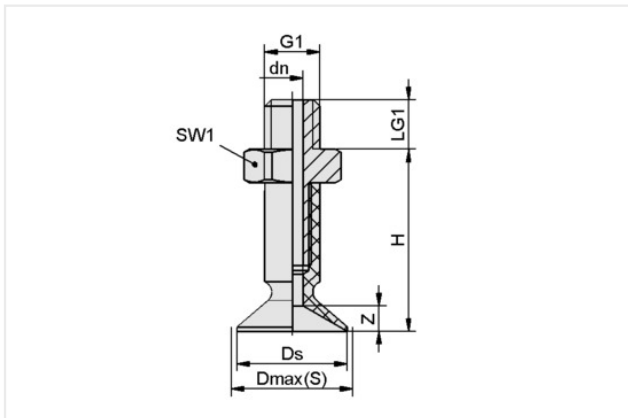
Material hardness [Shore A]: 55 Shore A

Nipple material: Aluminum

Connection: M5-AG

Material characteristics: FDA-compatible

### Design Data



| Attribute  | Value    |
|------------|----------|
| Dmax(S)    | 17.50 mm |
| dn         | 2 mm     |
| Ds         | 16 mm    |
| G1         | M5-M     |
| H          | 23 mm    |
| LG1        | 4.50 mm  |
| SW1        | 8 mm     |
| Z (Stroke) | 4 mm     |

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

### Technical Data

| Attribute                   | Value       |
|-----------------------------|-------------|
| Number of folds             | 0           |
| Size                        | 16          |
| Suction cup material        | Silicone SI |
| Suction force (-600mbar)    | 8 N         |
| Material hardness [Shore A] | 55 Shore A  |

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

### Contact Schmalz

Schmalz Co. Ltd. | #503~507, 118 LS-ro 116Beon-gil, Dongan-gu, Anyang-si, Gyeonggi-do, 14118, South Korea | +82 31 87624031  
schmalz@schmalz.co.kr

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approx. 2 m

### Spare parts



#### SA-NIP N026 M5-AG DN200

Part no.:10.01.01.00319

Thread G1: M5-M

Fitting length: 3 mm

Material: Aluminum



#### SG 16 SI-55 N026

Part no.:10.01.01.00602

Size: 16

Suction cup material: Silicone SI

Material hardness [Shore A]: 55 Shore A

Height H: 20 mm

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schmalz@schmalz.co.kr