

## Flat suction cup (round)

SGPN 15 SI-50 G1/8-IG

Part no.:10.01.01.11982

<https://www.schmalz.com/10.01.01.11982>

Home > Vacuum Technology for Automation > Vacuum Components > Vacuum Suction Cups > Suction Cups for Plastic Films and Paper > Flat Suction Cups SGPN > SGPN 15 SI-50 G1/8-IG

### Flat suction cup (round) for careful gripping of paper, plastic film, etc.



Size: 15

Suction cup material: Silicone SI

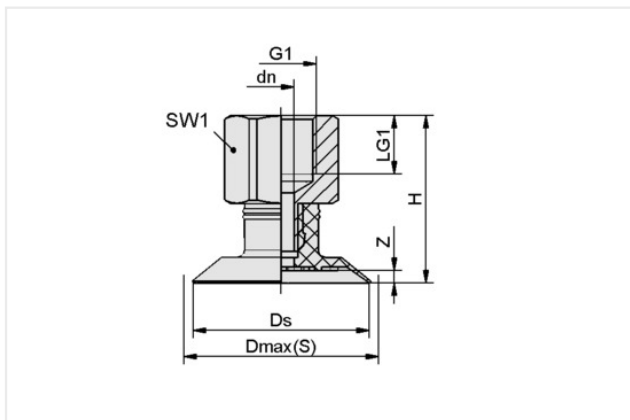
Material hardness [Shore A]: 50 Shore A

Nipple material: Aluminum

Material characteristics: FDA

Vacuum connection: G1/8"-F

### Design Data



| Attribute  | Value    |
|------------|----------|
| dn         | 3.50 mm  |
| Dmax(S)    | 15.50 mm |
| Ds         | 14.50 mm |
| G1         | G1/8"-F  |
| H          | 22 mm    |
| LG1        | 8 mm     |
| SW1        | 14 mm    |
| Z (Stroke) | 0.90 mm  |

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

### Technical Data

| Attribute                   | Value                |
|-----------------------------|----------------------|
| Suction force (-600mbar)    | 5.50 N               |
| Volume                      | 0.28 cm <sup>3</sup> |
| Hose diameter (rec.) d      | 2 mm                 |
| Size                        | 15                   |
| Number of folds             | 0                    |
| Suction cup material        | Silicone SI          |
| Material hardness [Shore A] | 50 Shore A           |

### Contact Schmalz

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|                |        |
|----------------|--------|
| Weight         | 4.70 g |
| Product family | SGPN   |

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

### Spare parts



#### SA-NIP N016 G1/8-IG DN350

Part no.:10.01.06.05731

Nipple family: N 016

Thread G1: G1/8"-F

Length L1: 18.5 mm

Fitting length: 12 mm

Nominal diameter dn: 3.5 mm

Material: Aluminum



#### SGP 15 SI-50 N016

Part no.:10.01.01.10574

Size: 15

Suction cup material: Silicone SI

Material hardness [Shore A]: 50 Shore A

### Contact Schmalz

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