

## Flat suction pad (round)

SUF 20 NBR-55 G1/8-AG

Part no.:10.01.01.14115

<https://www.schmalz.com/10.01.01.14115>

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



Size: 20

Suction cup material: Nitrile rubber NBR

Material hardness [Shore A]: 55 Shore A

Vacuum connection: G1/8"-M

### Design Data



| Attribute  | Value    |
|------------|----------|
| Dmax(S)    | 22.80 mm |
| Ds         | 20 mm    |
| dn         | 3.10 mm  |
| G1         | G1/8"-M  |
| H          | 15.50 mm |
| LG1        | 7.50 mm  |
| SW1        | 14 mm    |
| Z (Stroke) | 2 mm     |

### Technical Data

| Attribute                   | Value                |
|-----------------------------|----------------------|
| Suction force (-600mbar)    | 15 N                 |
| Pull-off force              | 15 N                 |
| Volume                      | 0.50 cm <sup>3</sup> |
| Curve radius (min) (convex) | 20 mm                |
| Hose diameter (empf.) d     | 4 mm                 |
| Size                        | 20                   |
| Suction cup material        | Nitrile rubber NBR   |
| Material hardness [Shore A] | 55 Shore A           |

### Contact Schmalz

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|                 |        |
|-----------------|--------|
| Weight          | 5.50 g |
| Product family  | SUF    |
| Number of folds | 0      |

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



#### SC 030 G1/8-AG

Part no.:10.01.06.04288

Connection geometry: 030

Vacuum connection: G1/8"-M

Fitting length: 6 mm

Nominal diameter dn: 3.1 mm



#### SUF 20 NBR-55 SC030

Part no.:10.01.01.13947

Size: 20

Suction cup material: Nitrile rubber NBR

Material hardness [Shore A]: 55 Shore A

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