

Bellows suction cup (round)

## FG 4 SI-CO-55 N017



Art.-Nr.: 10.01.06.03277



### Technical data

|                             |                        |
|-----------------------------|------------------------|
| Suction cup material        | Silicone SI conductive |
| Material hardness [Shore A] | 55.0 Shore A           |
| Size                        | 4.00                   |
| Number of folds             | 2.5                    |

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### Design data

|                     |          |
|---------------------|----------|
| Height H2           | 3.90 mm  |
| Height H            | 14.00 mm |
| Outside diameter D1 | 5.1 mm   |
| Head diameter Dk    | 7.0 mm   |
| d2                  | 2.4 mm   |
| Internal diameter d | 3.50 mm  |
| Spring stroke Z     | 1.5 mm   |
| Diameter Ds         | 3.8 mm   |
| Height H3           | 7.00 mm  |
| Diameter Dmax(S)    | 5.5 mm   |

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

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**Technical data**

|                                |                        |
|--------------------------------|------------------------|
| Nipple family                  | N 017                  |
| Suction cup material           | Silicone SI conductive |
| Material hardness [Shore A]    | 55.0 Shore A           |
| Workpiece radius min. (convex) | 4.0 mm                 |
| Pull-off force                 | 0.60 N                 |
| Suction force (-600mbar)       | 0.27 N                 |
| Weight                         | 0.40 g                 |
| Volume                         | 0.124 cm <sup>3</sup>  |
| Size                           | 4.00                   |
| Number of folds                | 2.5                    |
| Product family                 | FG                     |

Note: Suction force: The suction force values are theoretical values at -0.6 bar vacuum and a dry, smooth and even workpiece surface – they are specified without safety factors. Hose inner diameter: The recommended hose diameter refers to a hose length of approx. 2 m

