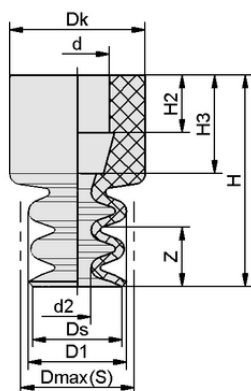




FG 4 SI-55 N017

## Technical data

| Attribute                   | Value          |
|-----------------------------|----------------|
| Suction cup material        | Silicone SI    |
| Material hardness [Shore A] | 55.0 Shore A   |
| Size                        | 4.00           |
| Number of folds             | 2.5            |
| Material characteristics    | FDA-compatible |



Design data FG 4 SI-55 N017

## Design data

| Attribute            | Value    |
|----------------------|----------|
| Height H2            | 3.90 mm  |
| Height H             | 14.00 mm |
| Outside diameter D1  | 5.1 mm   |
| Head diameter Dk     | 7.0 mm   |
| Internal diameter d1 | 3.9 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  |

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

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**Technical data**

| Attribute                      | Value                 |
|--------------------------------|-----------------------|
| Nipple family                  | N 017                 |
| Suction cup material           | Silicone SI           |
| 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

**Further documentation**

CAD data and other documents relating to the article can be found at: [www.schmalz.com/10.01.06.02963](http://www.schmalz.com/10.01.06.02963)

