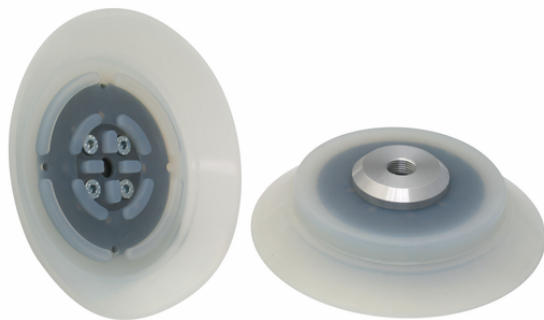




PFYN 200 SI-55 G1/2-IG

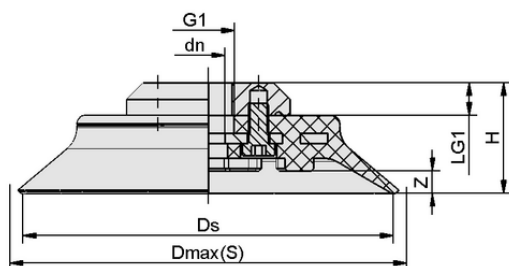
Suction cup PFYN (elastomer part + connection nipple) is delivered unassembled (diameters of 120 mm and more are assembled). The delivery consists of:

- Suction cup of type PFG – elastomer part, available in various diameters and materials
- Connection nipple of type SA-NIP – available with various threads

Available spare parts: suction cup PFG, connection nipple SA-NIP

## Technical data

| Attribute                   | Value        |
|-----------------------------|--------------|
| Suction cup material        | Silicone SI  |
| Material hardness [Shore A] | 55.0 Shore A |
| Size                        | 200.00       |
| Vacuum connection           | G1/2"-F      |
| Nipple material             | Aluminum     |



## Design data

| Attribute           | Value    |
|---------------------|----------|
| Height H            | 50.50 mm |
| Nominal diameter dn | 13.50 mm |
| Thread G1           | G1/2"-F  |
| Thread length LG1   | 13.0 mm  |
| Spring stroke Z     | 13.0 mm  |
| Diameter Ds         | 193.0 mm |
| Diameter Dmax(S)    | 222.0 mm |

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

Design data PFYN 200 SI-55 G1/2-IG

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**Technical data**

| Attribute                      | Value                   |
|--------------------------------|-------------------------|
| Suction cup material           | Silicone SI             |
| Material hardness [Shore A]    | 55.0 Shore A            |
| Hose inner diameter (recom.) d | 9.0 mm                  |
| Workpiece radius min. (convex) | 400.0 mm                |
| Suction force (-600mbar)       | 1,498.00 N              |
| Weight                         | 784.60 g                |
| Volume                         | 427.000 cm <sup>3</sup> |
| Size                           | 200.00                  |
| Number of folds                | 0.0                     |
| Product family                 | PFYN                    |

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/10.01.01.00342](http://www.schmalz.com/10.01.01.00342)

**Ordering Data Accessories 10.01.01.00342**

| Typ                      | Item number    |
|--------------------------|----------------|
| Suction cup cover SU 210 | 10.01.01.12439 |

**Ordering Data Spare Parts 10.01.01.00342**

| Typ                                                      | Item number    |
|----------------------------------------------------------|----------------|
| Suction cup connection nipple (inst) SA-NIP N010 G1/2-IG | 10.01.01.00796 |

**Ordering Data Wear Parts 10.01.01.00342**

| Typ                                         | Item number    |
|---------------------------------------------|----------------|
| Flat suction cup (round) PFG 200 SI-55 N010 | 10.01.01.00336 |

