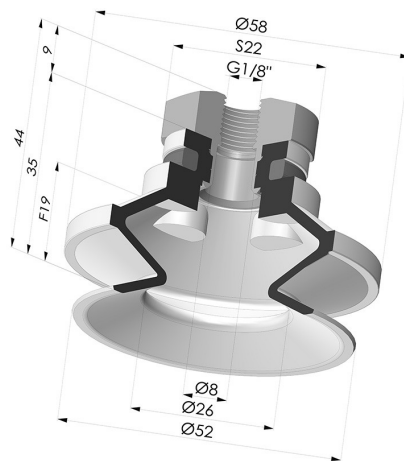


### TECHNICAL INFORMATION

|                                |              |
|--------------------------------|--------------|
| <b>Range :</b>                 | Suction cup  |
| <b>Category :</b>              | With bellows |
| <b>Series :</b>                | 91           |
| <b>Height (in mm) :</b>        | 44           |
| <b>Shape :</b>                 | 1.5 Bellows  |
| <b>Contact lip diameter :</b>  | 50 mm        |
| <b>inner barrel diameter :</b> | Female G1/8" |
| <b>Number of bellows :</b>     | 1.5 Bellows  |
| <b>Horizontal force :</b>      | 82 N         |
| <b>Vertical force :</b>        | 41 N         |
| <b>Arrow :</b>                 | 19 mm        |



### Variants:



Variant reference:  
**91 50NI 18D-2**

- Color: Black
- Matter: Nitrile
- Shore Hardness: SH50



Variant reference:  
**91 50SL 18D-2**

- Color: Red food-grade CE certification
- Matter: Silicone
- Shore Hardness: SH60



Variant reference:  
**91 50SLT 18D-2**

- Color: Translucent
- CE food certified
- Matter: Silicone
- Shore Hardness: SH60



Variant reference:  
**91 50MNT 18D-2**

- Color: Bordeaux
- Matter: Non-staining material
- Shore Hardness: SH60



Variant reference:  
**91 50TPU 18D-2**

- Color: Translucent
- Matter: Thermoplastic
- Shore Hardness: SH70

### Material guide:

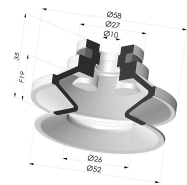
|  | Material                                              | Code | Temperature resistance (°C) | Flexibility | Abrasion resistance | UV/Weather resistance | Oil resistance | Food compatibility | Migration test |
|--|-------------------------------------------------------|------|-----------------------------|-------------|---------------------|-----------------------|----------------|--------------------|----------------|
|  | Nitrile Black (Shore SH50)                            | NI   | -10/+80                     | ✓           | ✓                   | ✗                     | ✓✓             | ✗                  | ✗              |
|  | Silicone Red food-grade CE certification (Shore SH60) | SL   | -60/+250                    | ✓✓✓         | ✗                   | ✓✓✓                   | ✗              | FDA **<br>✗        | A, B, D2       |
|  | Silicone Translucent (Shore SH60)                     | SL T | -60/+250                    | ✓✓✓         | ✓                   | ✓✓✓                   | ✓              | FDA **<br>✗        | ✗              |
|  | Non-staining material Bordeaux (Shore SH60)           | MNT  | -20/+160                    | ✓           | ✓                   | ✓✓✓                   | ✓✓✓            | ✗                  | ✗              |

|                                                                                  |                                        |     |         |   |     |   |    |   |   |
|----------------------------------------------------------------------------------|----------------------------------------|-----|---------|---|-----|---|----|---|---|
|  | Thermoplastic Translucent (Shore SH70) | TPU | -20/+80 | ✓ | ✓✓✓ | ✓ | ✓✓ | ✗ | ✗ |
|----------------------------------------------------------------------------------|----------------------------------------|-----|---------|---|-----|---|----|---|---|

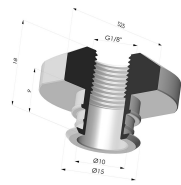
Requests for FDA and/or EC certificates must be made AT THE TIME OF ORDER. Any later request will incur additional charges. To meet the expectations of our industrial customers, NOVACOM offers the widest range of elastomer and thermoplastic materials. We can also develop new materials based on precise specifications, in order to solve specific applications for our customers.

✓✓✓✓ Excellent | ✓✓ Good | ✓ Low | ✗ Poor | ✗✗ Not recommended  
 \*FDA and/or EC certificate may be requested for various references at the time of order; please contact us.  
 \*\* Food contact certification: (EC) 1935/2004 - (FDA) 21 CFR 177.2600  
 \*\*\* Food contact certification: (EC) 10/2011 - (FDA) 21 CFR

Related products:



**Bellows Suction Cup 1.5 folds Series 91, Ø 50 mm**  
 Product reference: 91 50-- A



**Separable Female Fitting 1/8G**  
 Product reference: 9G18-2