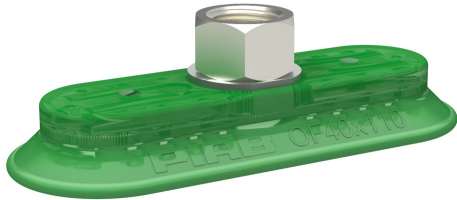


## Suction cup OF40x110P Polyurethane 60, brass 3/8" NPSF female

Item number: OF40X110P.5E.N40W



- Suitable for flat and rough surfaces.
- Fair stability and little inherent movement.
- Recommended when the lifting force is parallel to the surface of the object.
- Cleats prevent thin, sensitive objects from being deformed and give extra friction when the lifting force is parallel to the surface of the object.
- DURAFLEX® material features the elasticity of rubber in combination with the wear resistance of polyurethane.
- The DURAFLEX® material is mark-free.

### Technical data

| Description             | Unit            | Value             |
|-------------------------|-----------------|-------------------|
| Suction cup shape       | -               | Flat              |
| Application             | -               | Mark Free         |
| Suction cup design      | -               | Oval              |
| Characteristics         | -               | Mark free         |
| Material                | -               | Polyurethane (PU) |
| Weight, min.            | oz              | 1.69              |
| Suction cup model       | -               | OF                |
| Volume                  | in <sup>3</sup> | 1.28              |
| Height                  | in              | 1.20              |
| Length                  | in              | 4.45              |
| Outer diameter, min.    | in              | 4.45              |
| Fitting size            | -               | 3/8"              |
| Fitting option          | -               | None              |
| Fitting style           | -               | Female            |
| Fitting type            | -               | NPSF-thread       |
| Width                   | in              | 1.69              |
| Suction cup model       | -               | OF40x110P PU60    |
| Movement, vertical max. | in              | 0.12              |
| Curve radius, min.      | in              | 3.031             |

### Performance - Lifting forces

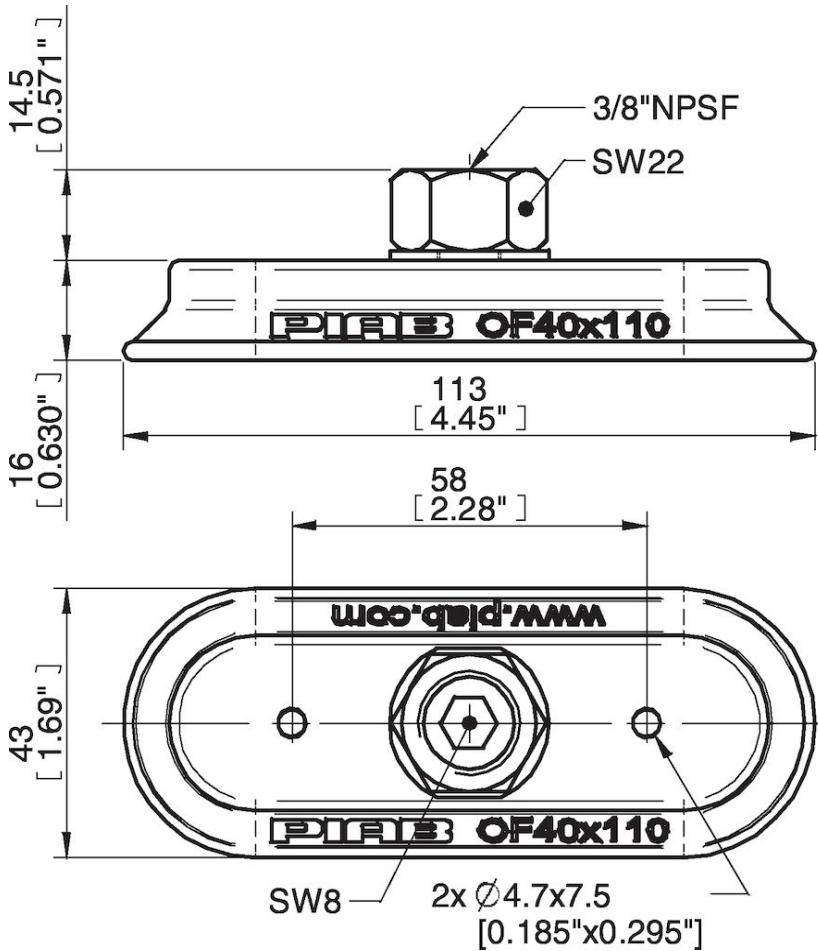
| OF40x110P PU60 | Vertical (lb) | Parallel (lb) |
|----------------|---------------|---------------|
| 5.91 -inHg     | 16.64         | 22.031        |
| 17.72 -inHg    | 44.96         | 51.26         |
| 26.58 -inHg    | 68.12         | 92.17         |

|                        |                     |
|------------------------|---------------------|
| <b>Material</b>        |                     |
| Name                   | Polyurethane (PU60) |
| Color                  | Green transparent   |
| Temperature, min.   °F | 50.0                |
| Temperature max.   °F  | 122.0               |
| Hardness   °Shore A    | 60                  |

Material resistance

|                    |           |
|--------------------|-----------|
| Alcohol            | n/a       |
| Concentrated acids | Fair      |
| Ethanol            | Fair      |
| Hydrolysis         | Fair      |
| Methanol           | Poor      |
| Oil                | Excellent |
| Oxidation          | Poor      |
| Gasoline           | Fair      |
| Wear resistance    | Excellent |
| Weather and ozone  | Excellent |

Dimensional drawings



Values specified in this data sheet are tested at (unless otherwise stated):

- Room temperature (20°C [68°F] ± 3°C [5.5°F]).
- Standard atmosphere (101.3 [29.9 inHg] ± 1.0 kPa [0.3 inHg]).
- Relative humidity 20-70%.
- Compressed air quality, DIN ISO 8573-1 class 4.

Accessories

OF40X110P.5C | Suction cup OF40x110P Polyurethane 40 with collar for Vacuum Gripper System (VGS)

**Spare parts**

OF40X110P.5E | Suction cup OF40x110P Polyurethane 60 with collar for Vacuum Gripper System (VGS)