



Item no: 0110287

Suction cup BF110P Polyurethane 60, thread insert G3/8" male with mesh filter

Suitable for uneven and porous surfaces such as cardboard, etc. DURAFLEX® suction cups are manufactured in a specially developed material that features the elasticity of rubber and wear resistance of polyurethane. The material of the DURAFLEX® is mark-free.

- Suitable for uneven surfaces.
- In the two-coloured suction cup the bellows and the sealing lip are of different hardnesses, which makes the suction cup strong and stable and, at the same time, soft and flexible.
- DURAFLEX® suction cups manufactured in a specially developed material that features the elasticity of rubber and wear resistance of polyurethane.
- The material of the DURAFLEX® is mark free.

General

Application MarkFree, DrySheetMetal, GlassHandling

Suction cup shape Bellows

Material Polyurethane (PU60)

Suction cup model BF-P
Weight 110 g
Volume 110 cm³
Suction cup model BF110P PU60
Movement, vertical max. 27.4 mm
Curve radius, min. 70 mm

Fitting

Fitting option Filter mesh
Fitting size 3/8"
Fitting style Male
Fitting type G-thread

Dimension

Height 63 mm
Outer diameter, actuated 88.7 mm
Outer diameter 115.5 mm

Performance - lifting forces

	BF110P PU60	Â	À
20 -kPa		161 N	123 N
60 -kPa		334 N	231 N
90 -kPa		293 N	305 N

Material

Name PU60

Colour GreenTransparent
Temperature 10 - 50 °C
Hardness 60 °Shore A

 PU60

 Alcohol
 n/a

 Concentrated acids
 +

 Ethanol
 +

 Hydrolysis
 +

 Methanol

 Oil
 ++++

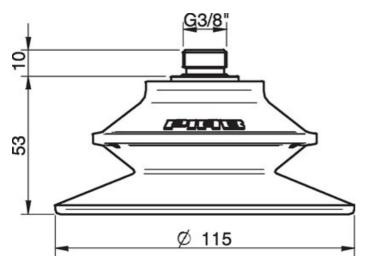
 Oxidation

 Petrol
 +

 Wear resistance
 ++++

 Weather and ozone
 ++++

Dimensional drawings riangleq



Values specified in the data sheet are tested at:

- Room temperature: $(20^{\circ} C [68^{\circ} F] \pm 3^{\circ} C [5.5^{\circ} F])$
- Standard atmosphere: (101.3 [29.9 inHg] ± 1.0 kPa [0.3 inHg])
- Relative humidity: 0-100%
- Compressed air quality: DIN ISO 8573-1 class 4

Spare parts

0107148 Thread insert G3/8" male, with O-ring and mesh filter
0110286 Suction cup BF110P Polyurethane 60, with O-ring