

Suction cup F110P Polyurethane 60, 0111593

- 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.
- 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 does not leave any marks on the objects handled.



General

Curve radius	250 mm
Movement, vertical max.	4 mm
Application	Mark Free, Dry sheet metal
Material	Polyurethane (PU60)
Suction cup model	F
Suction cup shape	Flat
Volume	60 cm ³
Weight	133 g

Fitting

Fitting size	None
Fitting style	None
Fitting type	None
Fitting option	None

Dimension

Height	20 mm
Outer diameter	115 mm
Outer diameter, actuated	119.6 mm

Performance — lifting forces

		
20 -kPa	191 N	297 N
60 -kPa	498 N	523 N
90 -kPa	705 N	664 N

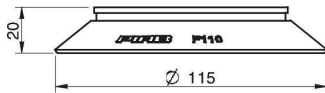
Material

	Polyurethane (PU60)
Colour	Green transparent
Hardness	60 °Shore A
Temperature	10 – 50 °C

Material resistance

	Polyurethane (PU60)
Alcohol	N/A
Concentrated acids	+
Ethanol	+
Hydrolysis	+
Methanol	-
Oil	+++
Oxidation	-
Petrol	+
Wear resistance	+++
Weather and ozone	+++

Dimensional drawings



Values specified in the data sheet are tested at:

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	0-100%
Compressed air quality	DIN ISO 8573-1 class 4

Accessories

	Item no.
Fitting 110, G1/2" female, with mesh filter	0100561
Fitting 110, G1/2" female, with cone valve	0100563
Fitting 110, 3/8" NPSF female, with mesh filter	0100559
Fitting 110 G3/8" female, with mesh filter	0100557