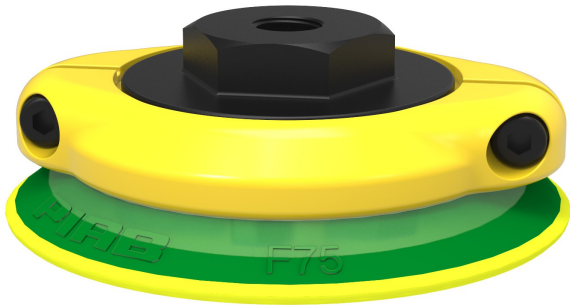


Suction cup F75P Polyurethane 30/60, 1/8" NPSF female, with mesh filter, 0106349



- 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	150 mm
Movement, vertical max.	2 mm
Application	Mark Free, Dry sheet metal
Material	Polyurethane (PU30), Polyurethane (PU60)
Suction cup model	F
Suction cup shape	Flat
Volume	19 cm ³
Weight	28 g

Fitting

Fitting size	1/8"
Fitting style	Female
Fitting type	NPSF-thread
Fitting option	Filter mesh

Dimension

Height	26 mm
Outer diameter	77 mm
Outer diameter, actuated	80 mm

Performance — lifting forces

		
20 -kPa	70 N	44 N
60 -kPa	193 N	176 N
90 -kPa	273 N	308 N

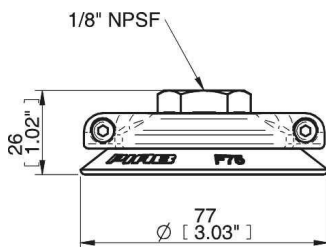
Material

	Polyurethane (PU30)	Polyurethane (PU60)
Colour	Yellow	Green transparent
Hardness	30 °Shore A	60 °Shore A
Temperature	10 – 50 °C	10 – 50 °C

Material resistance

	Polyurethane (PU30)	Polyurethane (PU60)
Alcohol	N/A	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

Spare parts

	Item no.
Suction cup F75P Polyurethane 30/60	0104724
Fitting 75, 1/8" NPSF female, with mesh filter	0100548
Cone Valve for Fitting 75	0100729

Accessories

	Item no.
Thread insert G3/8" male, with O-ring and mesh filter	0107148
Suction cup F75P Polyurethane 60, for thread insert	0107320
Suction cup F75P Polyurethane 60	0111584
Suction cup F75P Polyurethane 30/60, for thread insert	0106829
Fitting 75, G3/8" female, with mesh filter	0100551
Fitting 75, G3/8" female, with cone valve	0100552
Fitting 75, G1/2" female, with mesh filter	0100555
Fitting 75, 3/8" NPSF female, with mesh filter	0100553