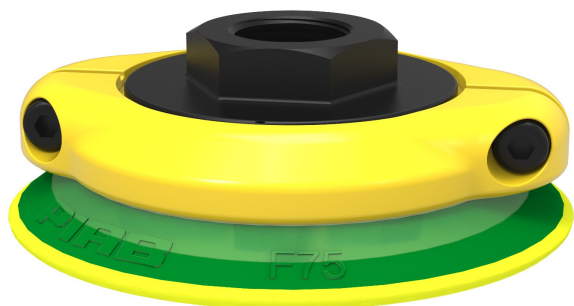


# Suction cup F75P Polyurethane 30/60, 3/8" NPSF female, with mesh filter, 0106351



- 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 <sup>3</sup>
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

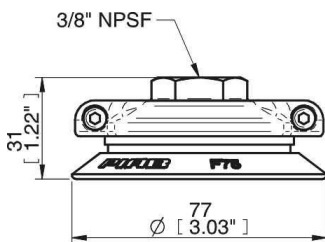
## Material

	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, 3/8" NPSF female, with mesh filter	0100553
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, 1/8" NPSF female, with mesh filter	0100548