

Suction cup FC75P Polyurethane 40, thread insert G3/8" with mesh filter, 0106959



- Suitable for slightly domed and flat and oily surfaces, e.g., such as those encountered when handling steel sheets in press processes.
- Thanks to the high friction of the rubber material, the suction cups can withstand high forces at rapid accelerations in horizontal directions, even on oily surfaces.
- The suction cups have cleats that prevent thin objects from being disfigured.
- 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	78 mm
Movement, vertical max.	6.5 mm
Application	Mark Free, Dry sheet metal
Material	Polyurethane (PU40)
Suction cup model	FC
Suction cup shape	Flat Concave
Volume	30 cm ³
Weight	45 g

Fitting

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

Dimension

Height	34 mm
Outer diameter	75 mm

Performance — lifting forces

		
20 -kPa	73 N	107 N
60 -kPa	157 N	200 N
90 -kPa	215 N	230 N

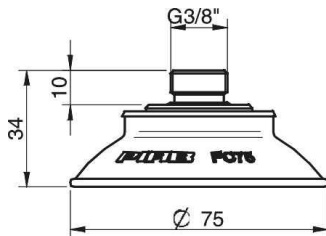
Material

	Polyurethane (PU40)
Colour	Red transparent
Hardness	40 °Shore A
Temperature	10 – 50 °C

Material resistance

	Polyurethane (PU40)
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

Spare parts

	Item no.
Thread insert G3/8" male, with O-ring and mesh filter	0107148
Suction cup FC75P Polyurethane 40, for tread insert	0106948