

Suction cup FC50P Polyurethane 60, G3/8" male - 1/8" NPSF female, 0103293



- 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	53 mm
Movement, vertical max.	5 mm
Application	Mark Free, Dry sheet metal
Material	Polyurethane (PU60)
Suction cup model	FC
Suction cup shape	Flat Concave
Volume	10 cm ³
Weight	28 g

Fitting

Fitting size	1/8", 3/8"
Fitting style	Female/Male
Fitting type	G-thread, NPSF-thread
Fitting option	None

Dimension

Height	33.5 mm
Outer diameter	50 mm

Performance — lifting forces

		
20 -kPa	28 N	52 N
60 -kPa	77 N	93 N
90 -kPa	104 N	111 N

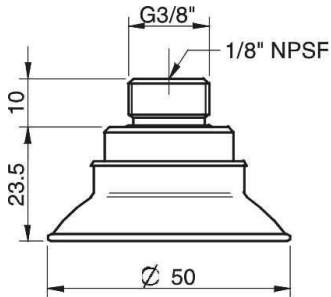
Material

	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