

Suction cup F75 Silicone, 3150131S

- Suitable for flat objects.
- Good stability and little inherent movement.
- Recommended when the lifting force is parallel to the surface of the object.
- Cleats prevent thin, sensitive objects from being deformed and gives extra friction when the lifting force is parallel.



General

Curve radius	150 mm
Movement, vertical max.	3 mm
Application	Dry sheet metal
Material	Silicone (SIL)
Suction cup model	F
Suction cup shape	Flat
Volume	20 cm ³
Weight	23 g

Fitting

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

Dimension

Height	13 mm
Outer diameter	77 mm

Performance — lifting forces

		
20 -kPa	80 N	60 N
60 -kPa	200 N	110 N
90 -kPa	270 N	140 N

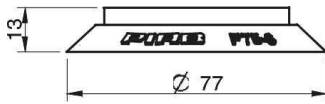
Material

	Silicone (SIL)
Colour	Red
Hardness	50 °Shore A
Temperature	-40 – 200 °C

Material resistance

	Silicone (SIL)
Alcohol	++
Concentrated acids	-
Ethanol	N/A
Hydrolysis	+
Methanol	N/A
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 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, G1/2" female, with cone valve	0100556
Fitting 75, 3/8" NPSF female, with mesh filter	0100553
Fitting 75, 1/8" NPSF female, with mesh filter	0100548