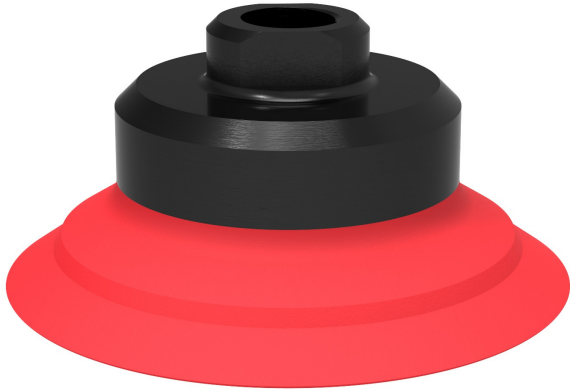


# Suction cup F50-2 Silicone, 1/8" NPSF female, with cone valve , 3150051S

- 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	55 mm
Movement, vertical max.	2.2 mm
Application	Dry sheet metal
Material	Silicone (SIL)
Suction cup model	F
Suction cup shape	Flat
Volume	10 cm <sup>3</sup>
Weight	14 g

## Fitting

Fitting size	1/8"
Fitting style	Female
Fitting type	NPSF-thread
Fitting option	Cone valve

## Dimension

Height	26 mm
Outer diameter	53 mm
Outer diameter, actuated	54.6 mm

## Performance — lifting forces

		
20 -kPa	36 N	24 N
60 -kPa	74 N	40 N
90 -kPa	96 N	50 N

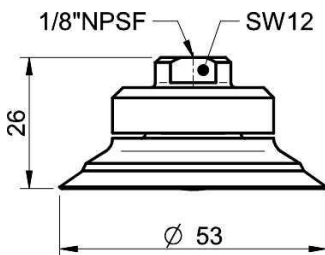
## Material

	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

## Spare parts

	Item no.
Suction cup F50-2 Silicone	0101138
Fitting 1/8" NPSF female, 50, with cone valve	0101157

## Accessories

	Item no.
Suction cup F50-2 Nitrile-PVC	0101137
Suction cup F50-2 HNBR	0108166
Suction cup F50-2 Nitrile-PVC, for fitting with cone valve	3150241P
Suction cup F50-2 Silicone, for fitting with cone valve	3150241S