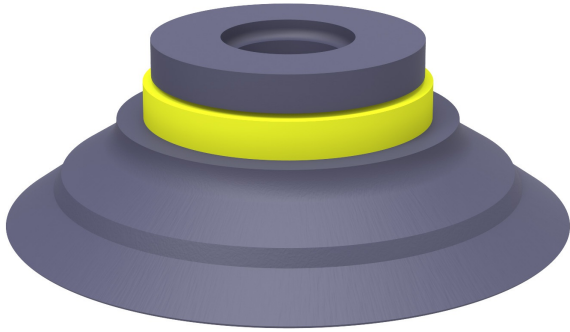


# Suction cup F50-2 HNBR, 0108166

- 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	Glass handling, High/low temp cup (plastic), Mark Free, Plastic injection molded parts, Dry sheet metal
Material	HNBR
Suction cup model	F
Suction cup shape	Flat
Volume	10 cm <sup>3</sup>
Weight	14 g

## Fitting

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

## Dimension

Height	17.5 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

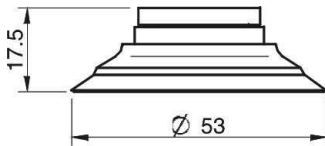
## Material

	HNBR 75° Shore A
Colour	Blue/grey
Hardness	75 °Shore A
Temperature	-30 – 140 °C

## Material resistance

	HNBR 75° Shore A
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 G3/8" male, 50, with mesh filter and dual flow control valve	3251015
Fitting G3/8" male, 50, with mesh filter	3250087
Fitting G1/4" male, with mesh filter and dual flow control valve	3251013
Fitting G1/4" male, 50, with mesh filter	3250092
Fitting 5x1/8" NPSF female, 50, with dual flow control valve	3251017
Fitting 5x1/8" NPSF female, 50	0100262
Fitting 3/8" NPT male, with mesh filter	3250090
Fitting 3/8" NPT male, with dual flow control valve	3251016
Fitting 1/8" NPSF female, 50, with mesh filter	0101154
Fitting 1/8" NPSF female, 50, with dual flow control valve	3251012
Fitting 1/8" NPSF female, 50, with cone valve	0101157
Fitting 1/8" NPSF female, 50, PA	3150198
Fitting 1/8" NPSF female, 50	3250017
Fitting 1/4" NPT male, with mesh filter	3250094
Fitting 1/4" NPT male, with dual flow control valve	3251014