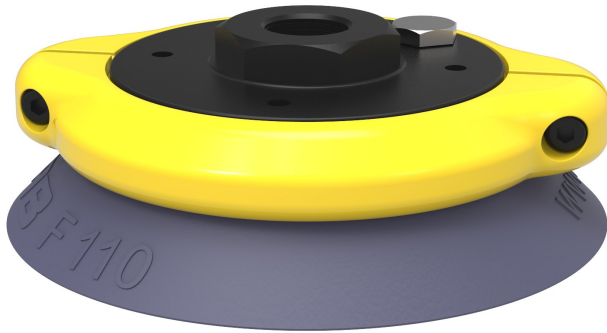


Suction cup F110 HNBR, G3/8" female, with mesh filter, 0108188

- 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	250 mm
Movement, vertical max.	4 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	70 cm ³
Weight	66 g

Fitting

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

Dimension

Height	36.2 mm
Outer diameter	112 mm
Outer diameter, actuated	115.3 mm

Performance — lifting forces

		
20 -kPa	140 N	140 N
60 -kPa	420 N	250 N
90 -kPa	560 N	300 N

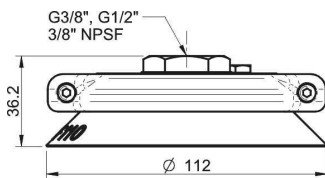
Material

	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

Spare parts

	Item no.
Suction cup F110 HNBR	3150132T
Fitting 110 G3/8" female, with mesh filter	0100557

Accessories

	Item no.
Suction cup F110 Nitrile-PVC with washer	3150038P
Suction cup F110 Silicone with washer	3150038S
Suction cup F110 HNBR with washer	3150038T
Suction cup F110 Nitrile-PVC	3150132P
Suction cup F110 Silicone	3150132S
Fitting 110, 3/8" NPSF female, with mesh filter	0100559
Fitting 110, G1/2" female, with mesh filter	0100561
Fitting 110, G1/2" female, with cone valve	0100563
Fitting G1/2" female Al, with mesh filter	3250007