



Item no: 3150132T

## Suction cup F110 HNBR

Suitable for flat objects such as cardboard, sheet metal, glass and porous materials. The cleats stop deformation by preventing suction of the object into the cup. The suction cup has good stability and very little movement. Also suitable when the lifting force is parallel to the surface as the cleats increase friction.

- 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

Application	HighLowTempCup, MarkFree, PlasticInjectionMoldedParts, DrySheetMetal, GlassHandling
Suction cup shape	Flat
Material	HNBR
Suction cup model	F
Weight	66 g
Volume	70 cm <sup>3</sup>
Suction cup model	F110
Movement, vertical max.	4 mm
Curve radius, min.	250 mm

### Fitting



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

## Dimension

Height	20 mm
Outer diameter, actuated	115.3 mm
Outer diameter	112 mm

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## Performance - lifting forces

	F110		
20 -kPa		140 N	140 N
60 -kPa		420 N	250 N
90 -kPa		560 N	300 N

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## Material

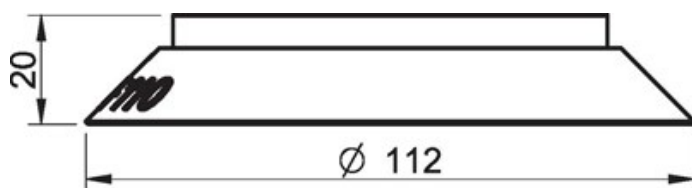
Name	HNBR75
Colour	BlueGrey
Temperature	-30 - 140 °C
Hardness	75 °Shore A

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	HNBR75
Alcohol	++
Concentrated acids	+
Ethanol	n/a
Hydrolysis	++
Methanol	n/a
Oil	+++
Oxidation	+++
Petrol	+++
Wear resistance	+++
Weather and ozone	+++

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## 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
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Accessories

- 3250007 | Fitting G1/2" female AI, with mesh filter
- 0100561 | Fitting 110, G1/2" female, with mesh filter
- 0100563 | Fitting 110, G1/2" female, with cone valve
- 0100559 | Fitting 110, 3/8" NPSF female, with mesh filter
- 0100557 | Fitting 110 G3/8" female, with mesh filter