



Item no: 3150014S

Suction Cup F15 Silicone Flat, M5 male

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

Item number, alternative	E12011522
Application	Dry sheet metal
Material	Silicone (SIL)
Weight	0.9 g
Suction cup model	F15
Movement, vertical max.	1 mm
Curve radius, min.	13 mm



Dimensions DWG

Diameter	15 mm
Thread	M5 in

EOAT (End Of Arm Tooling)

Weight	3 g
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Performance - lifting forces

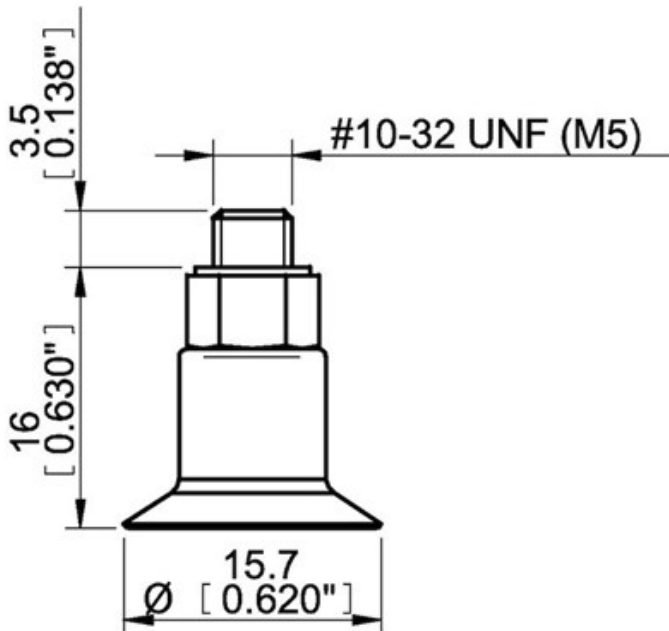
	F15		
20 -kPa		3.5 N	3.5 N
60 -kPa		8.5 N	6.5 N
90 -kPa		11 N	7.5 N

Material

Name	SIL
Colour	Red
Temperature	-40 - 200 °C
Hardness	50 °Shore A

	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
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Accessories

3150125 | Suction cup F15 Chloroprene

Spare parts

3150125S | Suction cup F15 Silicone

3107030 | Fitting M5 male, 10–15