

# F15



## F15

### Flat suction cup with cleats

- 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.

#### Lifting forces & Technical data

Lifting force vertical to the surface, N, at vacuum level			Lifting force parallel to the surface, N, at vacuum level			Volume cm <sup>3</sup>	Min. curve radius mm	Max. vertical movement mm	Weight rubber part g
20 -kPa	60 -kPa	90 -kPa	20 -kPa	60 -kPa	90 -kPa				
3.5	8.5	11.0	3.5	6.5	7.5	0.37	13	1.0	0.9

#### Material specifications

Material	Colour	Hardness °Shore A	Temperature range °C
Chloroprene, CR	Black	50	-40–110
Silicone, SIL	Red	50	-40–200

#### Material resistance

Material	Wear resistance	Oil	Weather & ozone	Hydrolysis	Petrol	Concentrated acids	Alcohol	Oxidation
Chloroprene, CR	Excellent	Fair	Good	Good	Fair	Poor	Good	Good
Silicone, SIL	Good	Poor	Excellent	Fair	Poor	Poor	Good	Excellent

### Ordering information

#### Complete suction cups

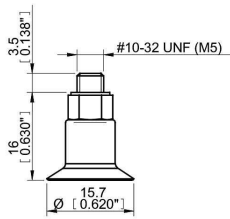
Suction cup F15 Chloroprene, M5 male

Art. No.

3150014

Suction cup F15 Silicone, M5 male

3150014S



#### Rubber parts

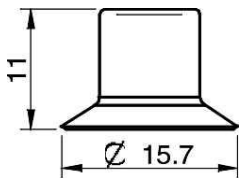
Suction cup F15 Chloroprene

Art. No.

3150125

Suction cup F15 Silicone

3150125S



#### Fittings

Fitting M5 male, 10-15

Art. No.

3107030