

## Suction cup F75 Silicone FCM

Article number: 0200264



- The silicone material complies with FDA 21 CFR 177.2600 & EU 1935/2004.
- 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.

### Technical data

Description	Unit	Value
Suction cup shape	-	Flat
Application	-	Food contact materials (FDA & EU), non-detectable
Suction cup design	-	Round
Characteristics	-	Food contact materials (FDA & EU), non-detectable
Material	-	Silicone (SIL)
Weight, min.	g	23
Suction cup model	-	F
Volume	cm <sup>3</sup>	20
Height	mm	13
Outer diameter, min.	mm	77
Outer diameter, actuated	mm	80
Fitting size	-	None
Fitting option	-	None
Fitting style	-	None
Fitting type	-	None
Suction cup model	-	F75
Movement, vertical max.	mm	3
Curve radius, min.	mm	150

### Performance - Lifting forces

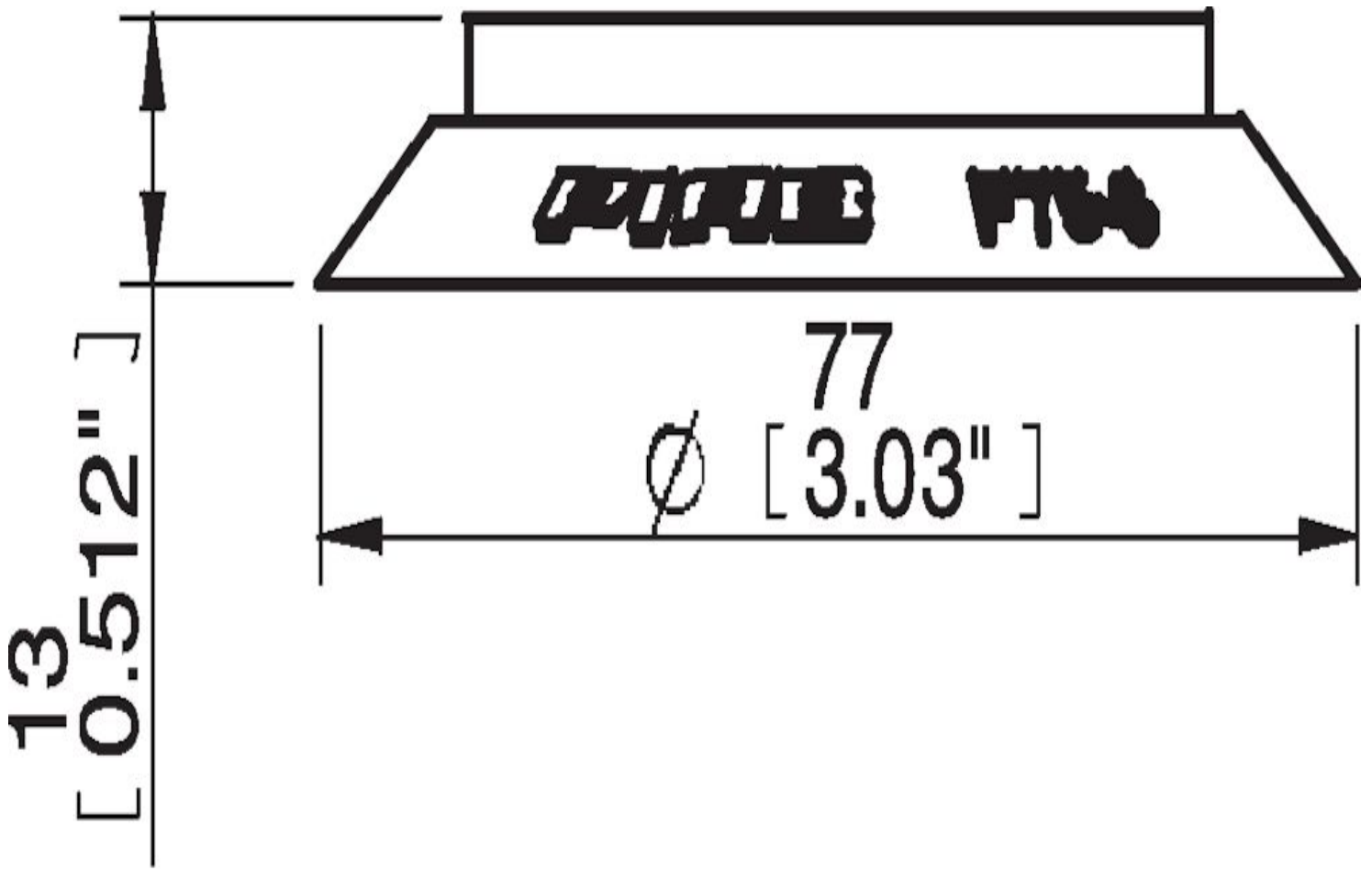
F75	Vertical (N)	Parallel (N)
20 -kPa	80	60
60 -kPa	200	110
90 -kPa	270	140

<b>Material</b>	
Name	Silicone (SIL FDA) 50° Shore
Colour	Transparent
Temperature, min.   °C	-40
Temperature max.   °C	200
Hardness   °Shore A	50

**Material resistance**

Alcohol	Good
Concentrated acids	Poor
Ethanol	n/a
Hydrolysis	Fair
Methanol	n/a
Oil	Poor
Oxidation	Excellent
Petrol	Poor
Wear resistance	Good
Weather and ozone	Excellent

**Dimensional drawings**



**Values specified in this data sheet are tested at (unless otherwise stated):**

- 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 20-70%.
- Compressed air quality, DIN ISO 8573-1 class 4.

**Accessories**

0100551 | Fitting 75, G3/8" female, with mesh filter  
 0100553 | Fitting 75, 3/8" NPSF female, with mesh filter