

Suction cup OC35x90P Polyurethane 40

Item number: OC35x90P.5C



- Suitable for oblong objects with slightly domed or flat and oily surfaces, such as those encountered in body parts in the automotive industry.
- DURAFLEX® suction cups manufactured in a specially developed material that features the elasticity of rubber and wear resistance of polyurethane. The material does not leave any marks on the objects handled.
- Fitting option, male G3/8", with a swivel function prior to the locking operation, for easy positioning of the oval cup.

Technical data

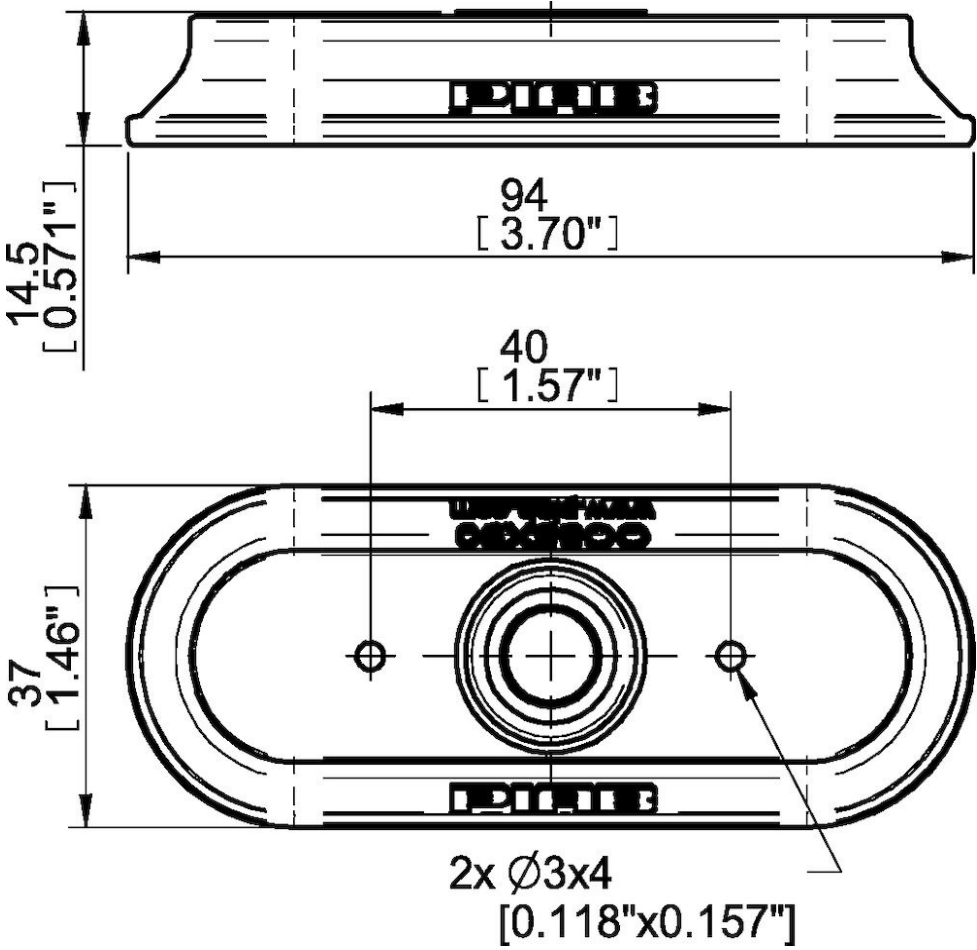
Description	Unit	Value
Suction cup shape	-	Concave
Application	-	Mark Free
Suction cup design	-	Oval
Characteristics	-	Mark free
Material	-	Polyurethane (PU)
Weight, max.	oz	1.41
Weight, min.	oz	0.95
Suction cup model	-	OC-P
Volume	in³	1.22
Height	in	0.57
Length	in	3.70
Outer diameter, min.	in	3.70
Fitting size	-	None
Fitting option	-	None
Fitting style	-	None
Fitting type	-	None
Width	in	1.46
Suction cup model	-	OC35x90P PU40
Movement, vertical max.	in	0.18

Performance - Lifting forces

OC35x90P PU40	Vertical (lb)	Parallel (lb)
5.91 -inHg	11.016	11.91
17.72 -inHg	26.30	25.18
26.58 -inHg	38.44	33.047

Material	
Name	Polyurethane (PU40)
Color	Red transparent
Temperature, min. °F	50.0
Temperature max. °F	122.0
Hardness °Shore A	40
Material resistance	
Alcohol	n/a
Concentrated acids	Fair
Ethanol	Fair
Hydrolysis	Fair
Methanol	Poor
Oil	Excellent
Oxidation	Poor
Gasoline	Fair
Wear resistance	Excellent
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.