Datasheet

Suction cup D30-2 Chloroprene, G1/8" male/M5 female, with mesh filter

Article number: 0101242

- Suitable for objects with curved or irregular surfaces.
- Grips around corners and edges.

Technical data

Description	Unit	Value
Suction cup shape	-	Deep
Application	-	Dry sheet metal, Plastic injection molded parts
Suction cup design	-	Round
Characteristics	-	Dry sheet metal, Plastic injection molded parts
Material	-	Chloroprene (CR)
Weight, min.	g	4
Suction cup model	-	D
Volume	cm^3	5
Height	mm	26.7
Outer diameter, min.	mm	32
Fitting size	-	1/8", M5
Fitting option	-	Filter mesh
Fitting style	-	Female/Male
Fitting type	-	G-thread, M-thread
Suction cup model	-	D30-2
Movement, vertical max.	mm	18
Curve radius, min.	mm	13

Performance - Lifting forces

D30-2	Vertical (N)	Parallel (N)
20 -kPa	14	11.2
60 -kPa	26	16.8
90 -kPa	31	17.8

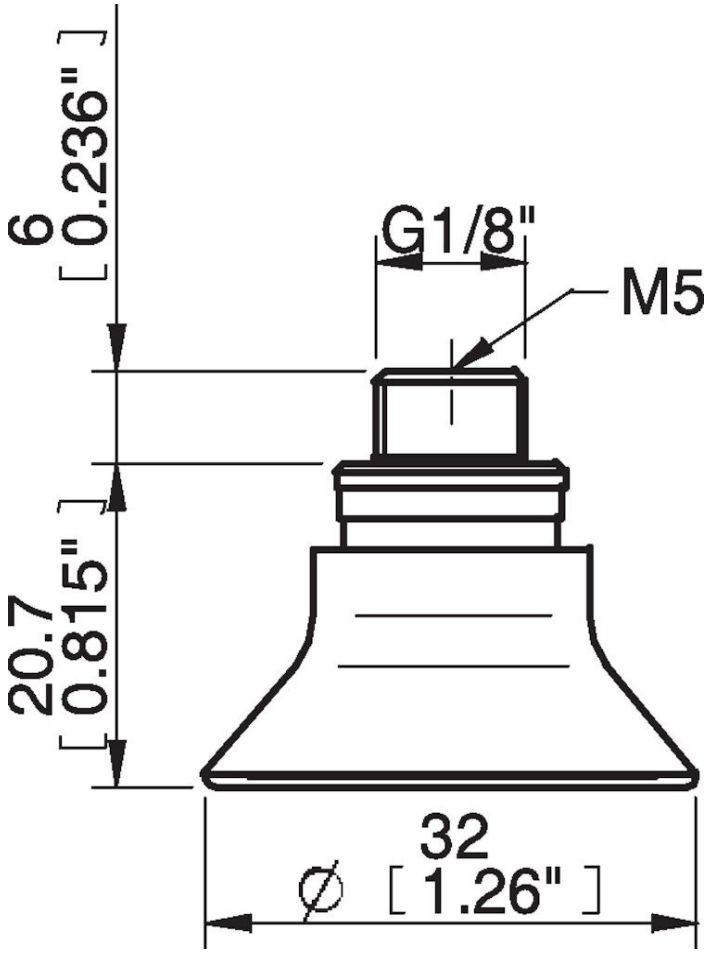
Material

Name	Chloroprene (CR) 50° Shore A
Colour	Black
Temperature, min. | °C	-40
Temperature max. | °C	110
Hardness | °Shore A	50

Material resistance

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

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
0100260 | Fitting 5xM5 female
0101126 | Suction cup D30-2 Silicone
3150196 | Fitting G1/8" male/M5 female, PA
3250003 | Fitting M5 female
3250004 | Fitting G1/8" male/M5 female
3250085 | Fitting G1/8" male, with mesh filter
3250088 | Fitting 1/8" NPT male, with mesh filter
3251001 | Fitting M5 female, with dual flow control valve
3251003 | Fitting 1/8" NPT male, with dual flow control valve
3251004 | Fitting G1/8" male/M5 female, with dual flow control valve
3251005 | Fitting 5xM5 female, with dual flow control valve

Spare parts
0101125 | Suction cup D30-2 Chloroprene
0101152 | Fitting G1/8" male/M5 female, with mesh filter