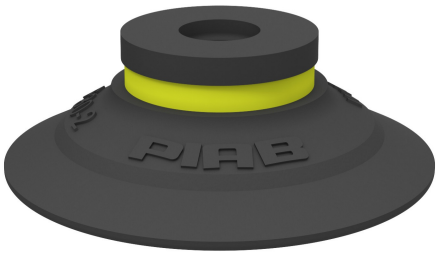
Datasheet

Suction cup F30-2 Chloroprene

Item number: F30-2.10



- Made from robust chloroprene rubber
- Excellent oil, abrasion, and weather resistance
- Flat design for strong, stable grip
- Suitable for smooth and flat surfaces
- Durable for long-lasting industrial use
- Recommended when the lifting force is parallel to the surface of the object.

Technical data

Description	Unit	Value
Suction cup shape	-	Flat
Suction cup design	-	Round
Material	-	Chloroprene (CR)
Weight, min.	oz	0.078
Suction cup model	-	F
Volume	in^3	0.12
Height	in	0.41
Outer diameter, min.	in	1.26
Outer diameter, actuated	in	1.28
Fitting size	-	None
Fitting option	-	None
Fitting style	-	None
Fitting type	-	None
Fitting material	-	None
Suction cup model	-	F30-2
Movement, vertical max.	in	0.11
Curve radius, min.	in	0.98

Performance - Lifting forces

F30-2	Vertical (lb)	Parallel (lb)
5.91 -inHg	2.7	2.47
17.72 -inHg	5.62	3.6
26.58 -inHg	6.97	4.5

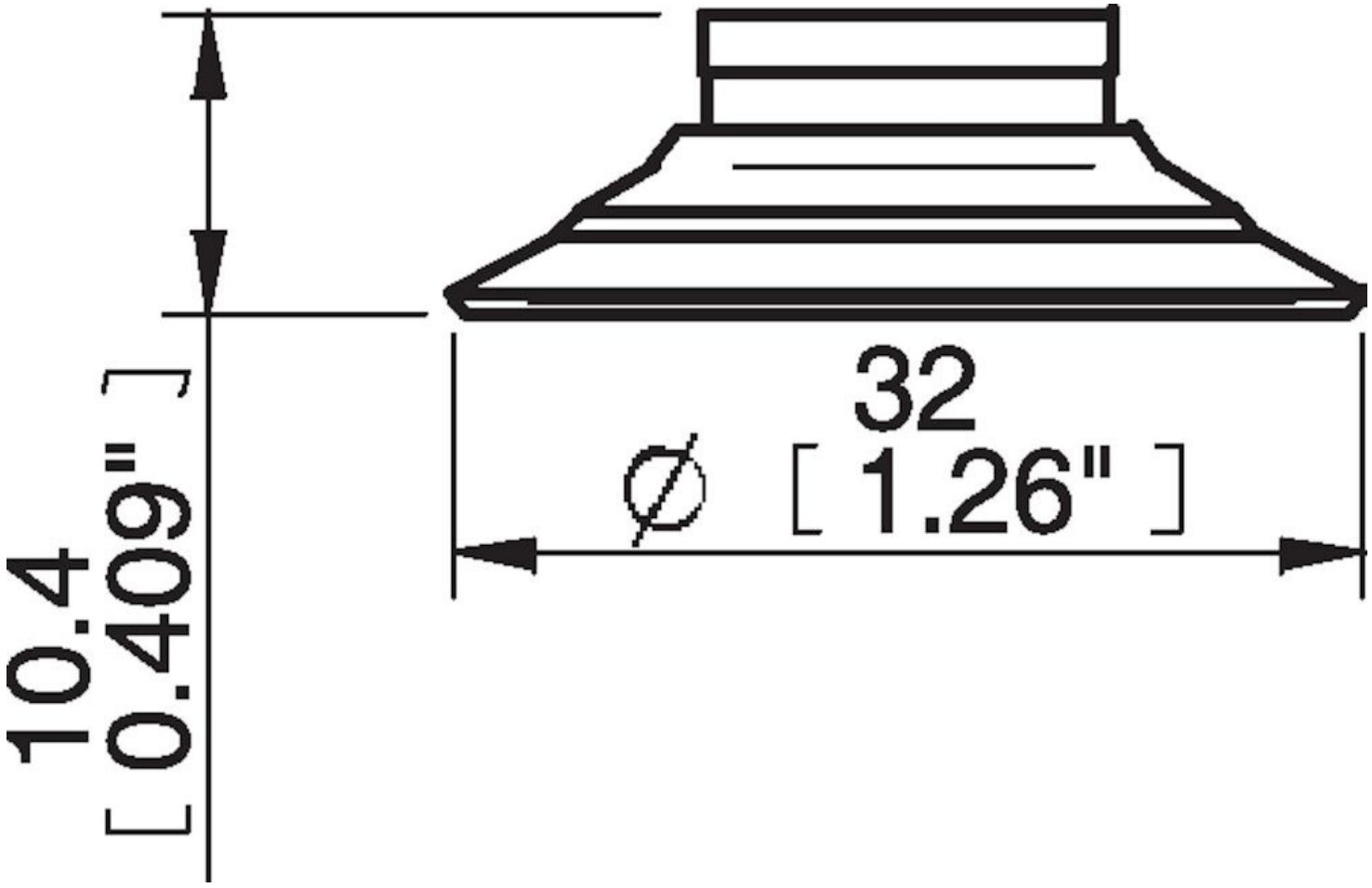
Material

Name	Chloroprene (CR) 50° Shore A
Color	Black
Temperature, min. | °F	-40
Temperature max. | °F	230
Hardness | °Shore A	50

Material resistance

Alcohol	Good
Concentrated acids	Poor
Ethanol	Not applicable
Hydrolysis	Good
Methanol	Not applicable
Oil	Fair
Oxidation	Good
Gasoline	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

02AE | Fitting 5xM5 female
02AF | Fitting G1/8" male/M5 female, with mesh filter
02UV | Fitting G1/8" male/M5 female, with cone valve
02CD | Fitting G1/8" male/M5 female, PA
02AA | Fitting M5 female
02AD | Fitting G1/8" male/M5 female
02AB | Fitting G1/8" male, with mesh filter
02AC | Fitting 1/8" NPT male, with mesh filter
02DA | Fitting M5 female, with dual flow control valve
02DC | Fitting 1/8" NPT male, with dual flow control valve
02DD | Fitting G1/8" male/M5 female, with dual flow control valve
02DE | Fitting 5xM5 female, with dual flow control valve