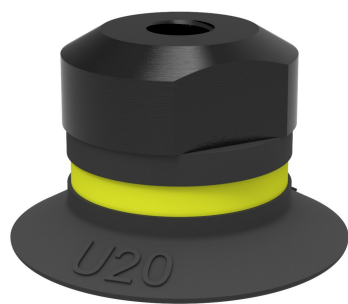# Datasheet

Suction cup U20 Chloroprene, M5 female

Item number: U20.10.02AA

- Suitable for objects with flat or slightly curved surfaces.
- Also used for concave objects.

Technical data

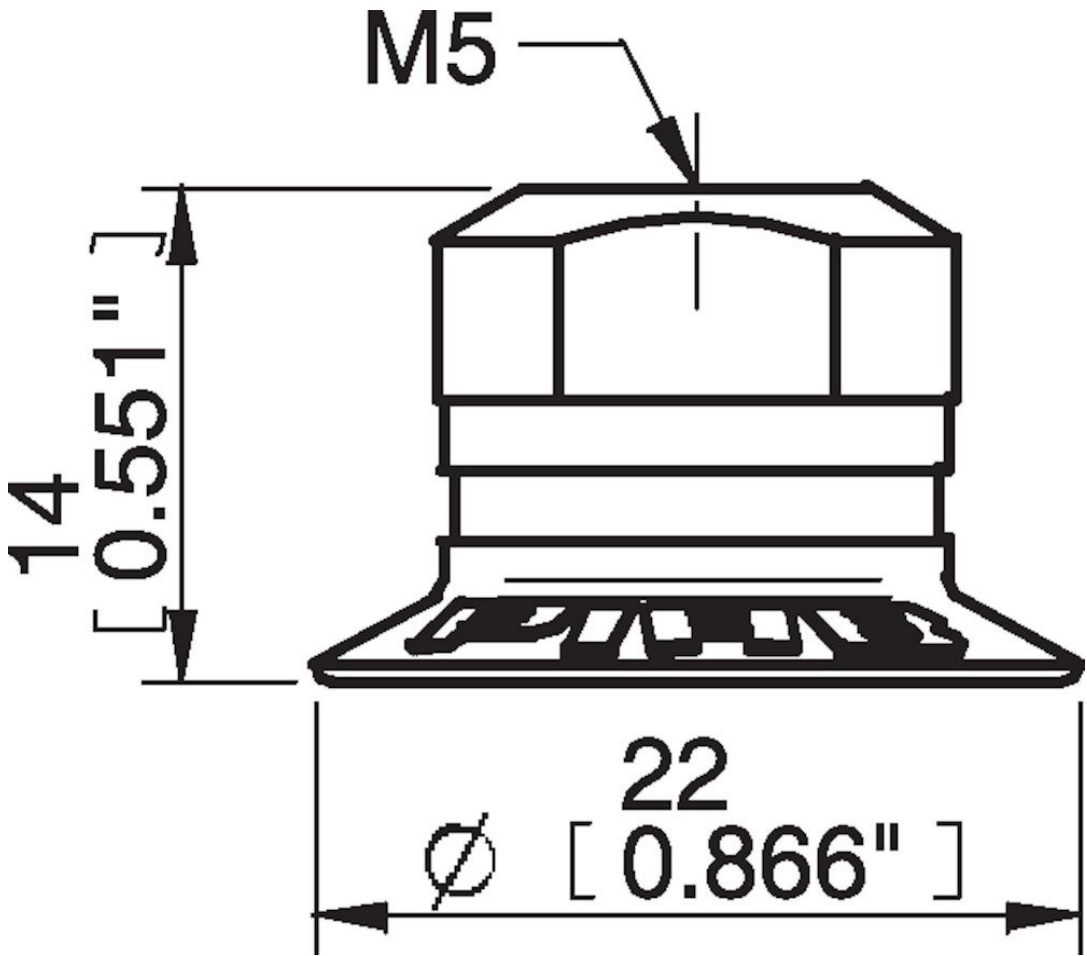| Description	Unit	Value
Suction cup shape	-	Universal
Application	-	Glass handling
Suction cup design	-	Round
Characteristics	-	Glass handling
Material	-	Chloroprene (CR)
Weight, min.	oz	0.042
Suction cup model	-	U
Volume	in³	0.061
Height	in	0.55
Outer diameter, min.	in	0.87
Fitting size	-	None
Fitting option	-	None
Fitting style	-	Female
Fitting type	-	M-thread
Suction cup model	-	U20
Movement, vertical max.	in	0.098
Curve radius, min.	in	0.51

Performance - Lifting forces

U20	Vertical (lb)	Parallel (lb)
5.91 -inHg	1.33	1.33
17.72 -inHg	2.70	1.98
26.58 -inHg	3.60	2.20

Material

Name	Chloroprene (CR) 50º Shore A
Color	Black
Temperature, min. | ºF	-40.0
Temperature max. | ºF	230.0
Hardness | ºShore A	50

Material resistance

Alcohol	Good
Concentrated acids	Poor
Ethanol	n/a
Hydrolysis	Good
Methanol	n/a
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 (20ºC [68ºF] ± 3ºC [5.5ºF]).

- 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
U20.20 | Suction cup U20 Silicone
02AF | Fitting G1/8" male/M5 female, with mesh filter
U20.47 | Suction cup U20 HNBR
02CD | Fitting G1/8" male/M5 female, PA
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

Spare parts
U20.10 | Suction cup U20 Chloroprene
02AA | Fitting M5 female

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