

BL20-2 FDA



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Suction cup with long bellows

- The silicone material complies with FDA 21 CFR 177.2600.
- Suitable for level adjustment.
- Lifting movement to separate small and thin objects.
- Less suitable when the lifting force is parallel to the surface of the object.

Lifting forces & Technical data

Outer Dia. in	Lifting force vertical to the surface, lbf, at vacuum level			Lifting force parallel to the surface, lbf, at vacuum level			Volume in ³	Min. curve radius in	Max. vertical movement in	Weight rubber part oz
	6 -inHg	18 -inHg	27 -inHg	6 -inHg	18 -inHg	27 -inHg				
0.79	0.07/0.70*	0.14/1.40*	—	—	—	—	0.24	0.16	0.51	0.11

*Lifting force with reinforcement rings.

Material specifications

Material	Color	Hardness °Shore A	Temperature range °F
Silicone, SIL FDA	Transparent	50	-40–392

Material resistance

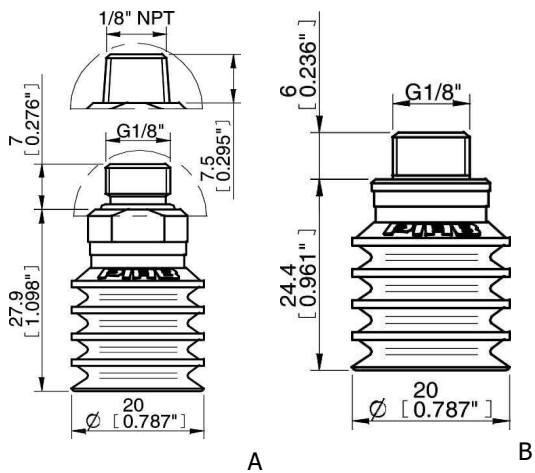
Material	Wear resistance	Oil	Weather & ozone	Hydrolysis	Gasoline	Concentrated acids	Alcohol	Oxidation
Silicone, SIL FDA	Good	Poor	Excellent	Fair	Poor	Poor	Good	Excellent

Spare Part

	Material	Temperature range °F	Part No.
Reinforcement ring for BL20-2, 4x	Polyamide, PA	-40-230	31.50.071

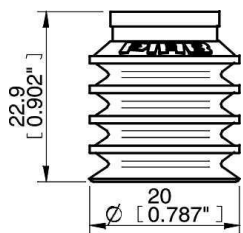
Ordering information

Suction cups with fitting		Part No.
A	Suction cup BL20-2 Silicone FDA, G1/8" male, with mesh filter	BL20-2.21.02AB
A	Suction cup BL20-2 Silicone FDA, 1/8" NPT male, with mesh filter	BL20-2.21.02AC
B	Suction cup BL20-2 Silicone FDA, G1/8" male/M5 female, with mesh filter	BL20-2.21.02AF



Rubber parts

Suction cup BL20-2 Silicone FDA		Part No.
Suction cup BL20-2 Silicone FDA		BL20-2.21



Fittings

Fittings		Part No.
Fitting G1/8" male, with mesh filter		02AB
Fitting 1/8" NPT male, with mesh filter		02AC
Fitting G1/8" male/M5 female, with mesh filter		02AF