

BL50-5 FDA



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Suction cup specially optimized for difficult bag handling

- The silicone material complies with FDA 21 CFR 177.2600
- High initial flow, with re-enforced bellows and long, thin lip
- Suitable for handling difficult-to-handle bags, e.g., bags filled with liquid, frozen food, and for heavy bags
- Suitable working temperature is -40–392 °F
- Suitable for level compensation

Lifting forces & Technical data

Outer Dia.	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				
1.98	1.80	5.62	—	—	—	—	1.59	1.18	0.71	1.02

Material specifications

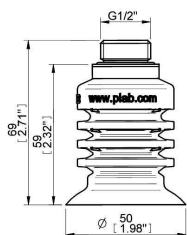
Material	Color	Hardness °Shore A	Temperature range °F
Silicone, SIL FDA	Transparent	40	-40–392

Material resistance

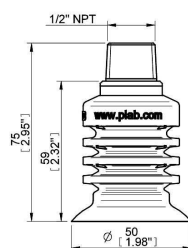
Material	Wear resistance	Oil	Weather & ozone	Hydrolysis	Gasoline	Concentrated acids	Alcohol	Oxidation
Silicone, SIL FDA	Good	Poor	Excellent	Fair	Poor	Poor	Good	Excellent

Ordering information

Suction cups with fitting		Part No.
A	Suction cup BL50-5 Silicone FDA, G1/2" male	BL50-5.21.05AJ
B	Suction cup BL50-5 Silicone FDA, 1/2" NPT male	BL50-5.21.05AL

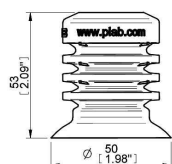


A



B

Rubber part	Part No.
Suction cup BL50-5 Silicone FDA	BL50-5.21



Description	Part No.
Fitting G1/2" male, bag	05AJ
Fitting 1/2" NPT male, bag	05AL