

piGRIP® G.BGI34S50.B3.S1.XXX.00



- ▶ Configurable suction cup with recyclable parts. The different hardness makes the suction cup stable and at the same time soft and flexible.
- ▶ Durable and long lasting material with higher lifting capacity compared to similar conventional cups.
- ▶ Extraordinary good grip on bags, suitable for both plastic bags and stand-up pouches filled with dry or wet food/substances as well as liquids. For best performance and durability use operating vacuum level at approx. -40kPa. Possible to replace the lip.
- ▶ Suitable for level adjustment and for uneven surfaces with a small pick-up radius.

Lifting force

Description	Vertical		Parallel	
	40 -kPa	60 -kPa	40 -kPa	60 -kPa
Lifting forces	10.3 N	15.0 N	5.2 N	7.5 N

Technical data

Description	Unit	Value
Max. vertical movement	mm	13.1
Internal volume	cm ³	6.4
Weight	g	6.0
Min. Curve radius -60 kPa	mm	16

Material specification

Description	Material	Colour	Hardness °Shore A	Temperature range (°C)
Lip / Retainer	SIL/POM	Blue/white	50/-	-40-200/-40-106
Bellow	TPE	Lime	87	-20-60/100*
Support	TPE	Lime	87	-20-60/100*

*Max. Temperature short term contact, <10 seconds and 50% intermittence, ambient temperature 15-30°C, mechanical properties will start to degrade.

Material resistance

Description	FDA Approved	PWIS Free	Wear Resistance	Oil	Weather & Ozone
Lip / Retainer	Yes / Yes	No / No	Good / Good	Poor / Fair	Excellent / Poor
Bellow	No	Yes	Excellent	Excellent	Excellent
Support	No	Yes	Excellent	Excellent	Excellent

Description	Hydrolysis	Petrol	Concentrated Acids	Alcohol	Oxidation
Lip / Retainer	Fair / Excellent	Poor / Good	Poor / Poor	Good / Good	Excellent / Poor
Bellow	Fair	Poor	Poor	Good	Good
Support	Fair	Poor	Poor	Good	Good

Values specified in data sheet are tested at:

- 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.

Dimensional drawing



Description	Unit	Value
Building height	mm	35.9
Diameter (lip)	mm	34

Ordering information

Description	Product code
piGRIP®, Ø 34 mm Bag lip with retainer, Silicone 50° Shore A, Blue, Bellows 3 folds, Support S1, Without fitting, No Size, None, No Option, None	G.BGI34S50.B3.S1.XXX.00

Ordering information, spare parts

Description	Art. No.
Ø 34 mm Bag lip, Silicone 50° Shore A	0201631