

## piGRIP® G.BGI25S50.B1.S1.G18M.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 to separate thin objects.

### Lifting force

Description	Vertical		Parallel	
	40 -kPa	60 -kPa	40 -kPa	60 -kPa
Lifting forces	5.1 N	7.4 N	2.6 N	3.7 N

### Technical data

Description	Unit	Value
Max. vertical movement	mm	4.2
Internal volume	cm <sup>3</sup>	3.4
Weight	g	8.3
Min. Curve radius -60 kPa	mm	11

### 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*
Fitting	Al, NBR	-	-	-20-90

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

### Material resistance

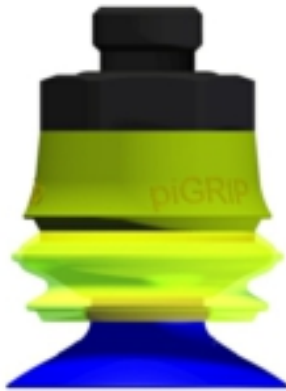
Description	FDA Approved	PWIS Free	Wear Resistance	Oil	Weather & Ozone
Lip / Retainer	Yes / Yes	No / No	Good / Good	Poor / Fair	Excellent / Poor
Bellow	No	Yes	Excellent	Excellent	Excellent
Support	No	Yes	Excellent	Excellent	Excellent

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	27.7
Building height (no fitting)	mm	22.7
Diameter (lip)	mm	25
Wrench key (fitting)	mm	SW 17

## Ordering information

Description	Product code
piGRIP®, Ø 25 mm Bag lip with retainer, Silicone 50° Shore A, Blue, Bellows 1 fold, Support S1, G-Thread, 1/8", Male, No Option, None	G.BGI25S50.B1.S1.G18M.00

## Ordering information, spare parts

Description	Art. No.
Ø 25 mm Bag lip, Silicone 50° Shore A	0200914