



PG type

Features and Strengths

Various plastic package pick and place application
Strong suction gripping
High speed operating

Examples of use

Thin Plastic bag, Liquid pouch, Round produce



Recommended Lifting Force (Max.)

Model	Volume (cm ³)	Lifting Force (Kg) - Perpendicular		
		- 20 kPa	- 60 kPa	- 90 kPa
B1.5/40-PG48	36.86	2.6	4.4	4.9
B2.5/40-PG48	38.96	2.6	4.4	4.9
B4.0/40-PG48	38.7	2.6	4.4	4.9
B5.0/40-PG48	39.85	2.6	4.4	4.9
B6.0/40-PG48	41.94	2.6	4.4	4.9

Material Specifications

Material	Hardness Shore (°)	Color	Temperature (°C)
N6 - NBR (Nitrile)	60	Blue	-20~110
S3 - Silicone	30	Translucent White	-70~200
S5 - Silicone	50	Red	-70~200
W3 - White Silicone	30	Translucent White	-70~200
W5 - White Silicone	50	Translucent White	-70~200
W3(FDA) - White Silicone(FDA)	30	Translucent White	-70~200
W5(FDA) - White Silicone(FDA)	50	Translucent White	-70~200
N5C3 - Special compound rubber NBR	50	Black	-40°C ~ 120°C
U6 - Urethane	60	Dark Grey	0~100

* The temperature data is only for suction lip. Please contact us if it is used in over 60°C

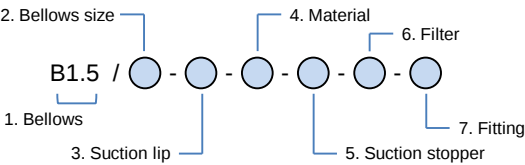
** For additional materials, please contact us

Material Resistance

Description	NBR (Nitrile)	Silicone	White Silicone	N5C3	Urethane
Wear Resistance	Excellent	Good	Good	Excellent	Excellent
Oil	Excellent	Poor	Poor	Excellent	Excellent
Weather / Ozone	Fair	Excellent	Excellent	Fair	Excellent
Alcohol	Good	Good	Good	Good	Fair
Acid	Fair	Poor	Poor	Fair	Poor



Build an Ordering No.



1. Bellows	Description	Symbol
	Top bellows 1.5 folds	B1.5
	Top bellows 2.5 folds	B2.5
	Top bellows 1.5 folds + Middle bellows 2.5 folds	B4.0
	Top bellows 1.5 folds + Middle bellows 3.5 folds	B5.0
	Top bellows 2.5 folds + Middle bellows 3.5 folds	B6.0
2. Bellows size	Description	Symbol
	40mm bellows diameter:	40
3. Suction lip	Description	Symbol
	PG type lip, 48mm diameter	PG48
4. Material	Description	Symbol
	NBR (Nitrile), 60° hardness	N6
	Silicone, 30° hardness	S3
	Silicone, 50° hardness	S5
	White Silicone, 30° hardness	W3
	White Silicone, 50° hardness	W5
	White Silicone, 30° hardness (FDA)	W3(FDA)
	White Silicone, 50° hardness (FDA)	W5(FDA)
	Special compound rubber NBR, 50° hardness	N5C3
	Urethane, 60° hardness	U6
5. Suction stopper	Description	Symbol
	D type	D
6. Filter	Description	Symbol
	No filter	Blank
	Mesh disk filter (200mesh)	F2
7. Fitting	Description	Symbol
	Fitting, G1/8 female	18F
	Fitting, G1/4 female	14F
	Fitting, G1/8 male	18M
	Fitting, G1/4 male	14M
	Fitting, G3/8 male	38M
	Fitting, G3/8 female	38F

Dimensional Data

PG48

