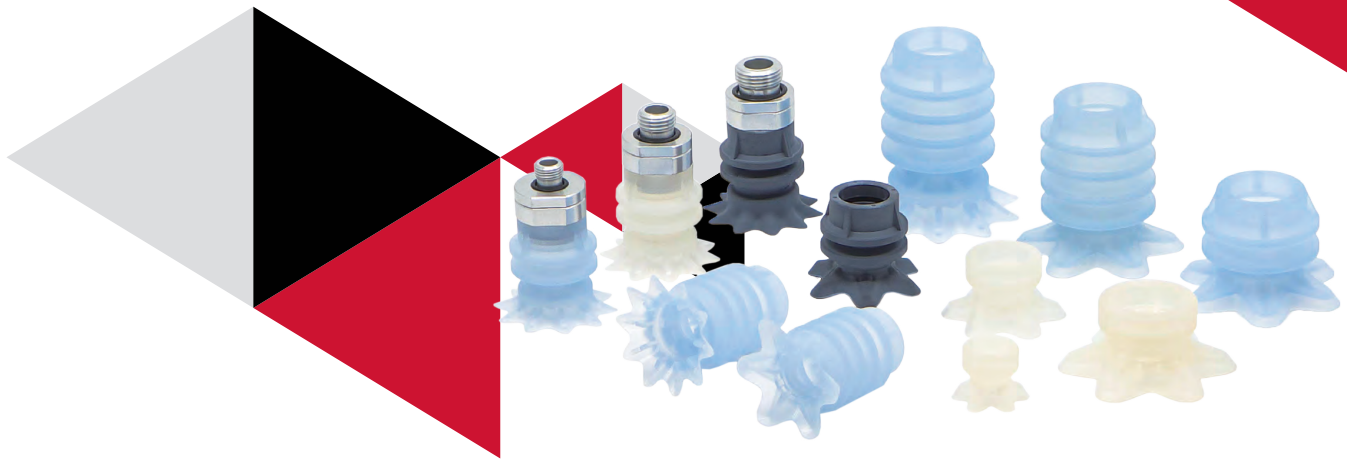


Star-shaped Pad



Star-shaped Pad

PM
series

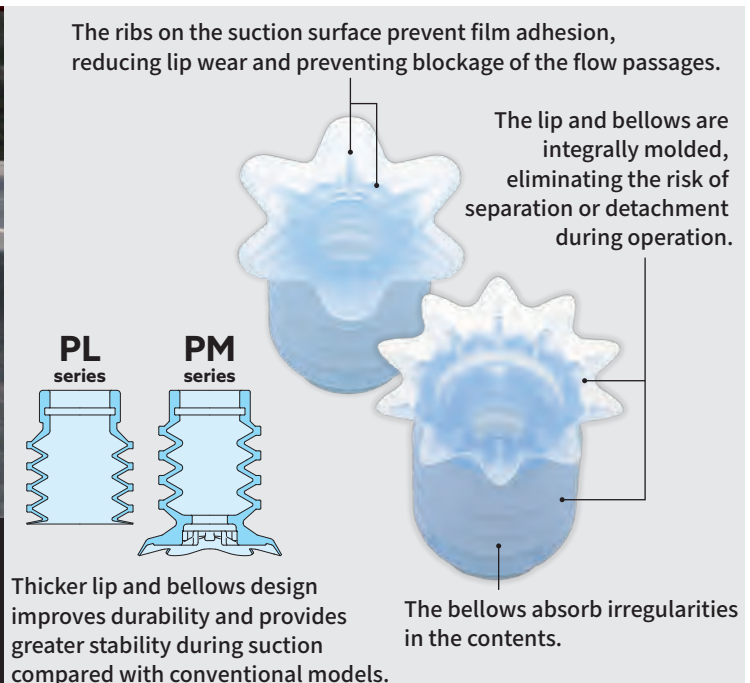


The star-shaped lip deforms to enable reliable gripping of pouches and film bags.

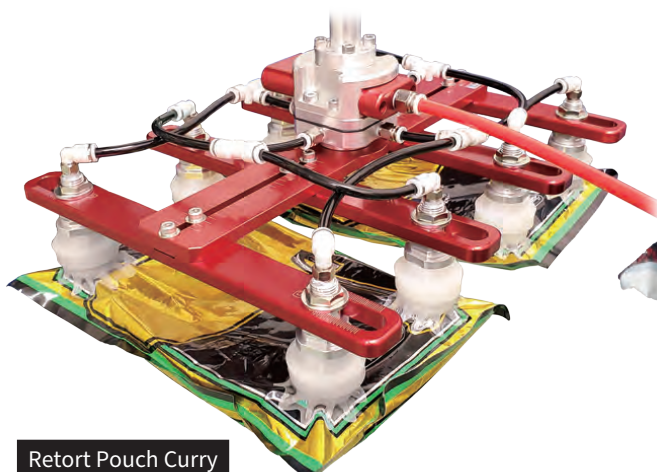


Six-Finger Type Suction

By extending the lip into a star shape, it can deform like fingers, allowing it to follow significant deformation of bags. The star-shaped lip also helps organize wrinkles into a radial pattern, reducing vacuum leakage.



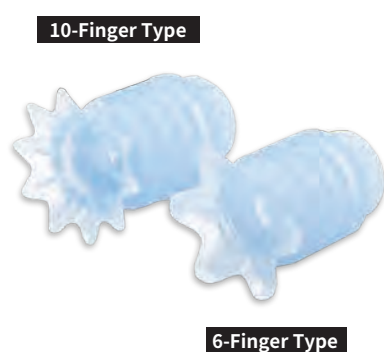
Pouch Suction



Film Bag Suction



10-Finger Type Ideal for Highly Deformable Film Bags



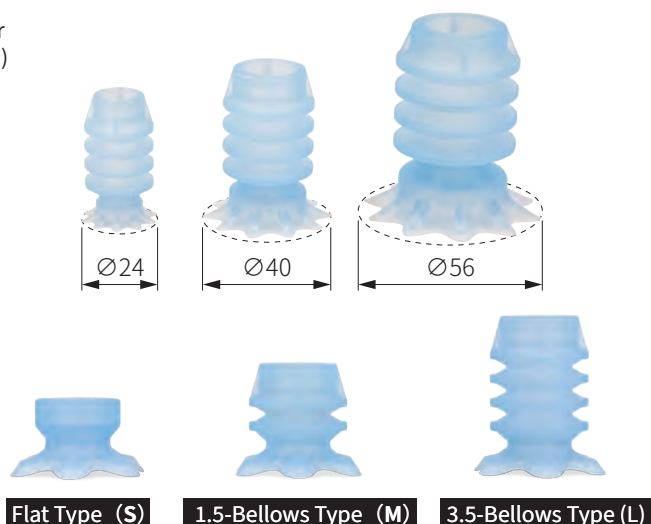
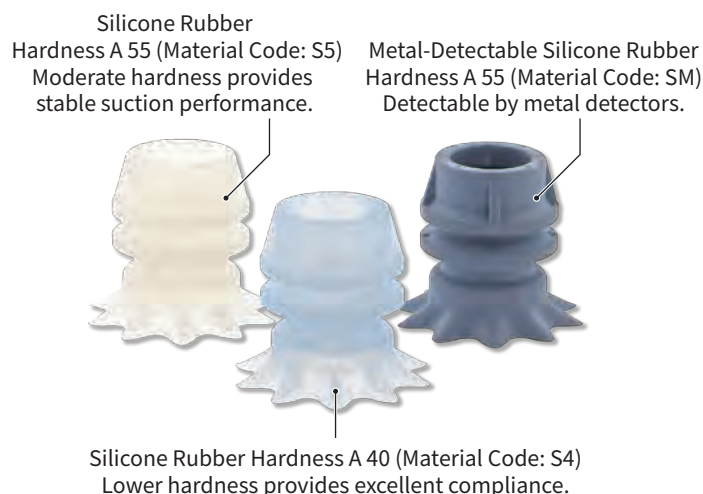
Suction of Highly Deformable Film Bags



The 6-Finger Type undergoes less deformation during suction, providing superior durability. Since compatibility varies depending on factors such as film thickness, material, and center of gravity, testing both the 6-Finger and 10-Finger Types is recommended.

Metal-detectable silicone rubber is available as a material option.

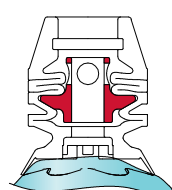
Pad diameter and bellows stroke can be selected to suit the workpiece.



All materials comply with the Food Sanitation Act and FDA regulations.

Snap-in fitting design enables easy installation and removal.

The CORE prevents bellows collapse and improves stability during suction.



Tool-free replacement

With CORE Installed

Without CORE Installed

Model Number (Pad Rubber Only)

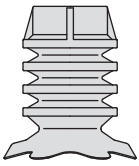
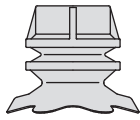
PMG-40 L N - S4

① ② ③ ④

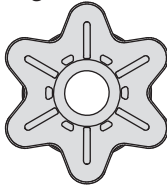
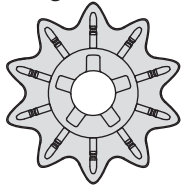
① Maximum Pad Outside Diameter

24	Ø24mm (Equivalent to a Suction Area of Ø20 mm)
40	Ø40mm (Equivalent to a Suction Area of Ø34 mm)
56	Ø56mm (Equivalent to a Suction Area of Ø48 mm)

② Bellows Type

L	3.5 Bellows	M	1.5 Bellows	S	Flat Type
					

③ Lip Configuration (Number of Fingers)

Blank	6-Finger	N	10-Finger
			

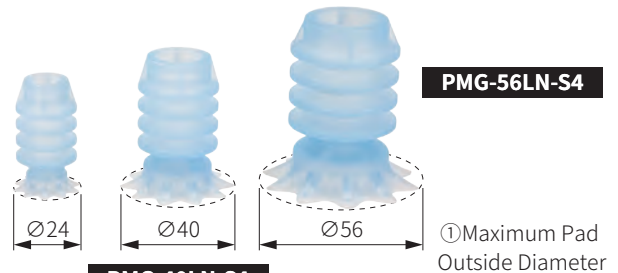
④ Material

	Rubber Material	Hardness	Color	Heat Resistance Temperature ^{Note 1)}
S4	Silicone Rubber	A 40	Light Blue	-60~250°C
S5	Silicone Rubber	A 55	Milky White	-60~250°C
SM	Metal-Detectable Silicone Rubber	A 55	Gray ^{Note 2)}	-60~250°C

Note 1) Rubber properties may deteriorate significantly at temperatures near the maximum and minimum limits.

Be sure to perform sufficient evaluation and verification before use.

Note 2) Due to the characteristics of the material, color variations may occur; however, they do not affect performance.



Model Number List and Mass

CODE	Model Number	Mass
302600007	PMG-24L-S4	4.9g
302600008	PMG-24L-S5	5.1g
302600009	PMG-24L-SM	7.4g
302600050	PMG-24M-S4	3.3g
302600051	PMG-24M-S5	3.5g
302600052	PMG-24M-SM	5.0g
302600010	PMG-24S-S4	2.5g
302600011	PMG-24S-S5	2.7g
302600012	PMG-24S-SM	3.6g

CODE	Model Number	Mass
302600001	PMG-40L-S4	9.8g
302600002	PMG-40L-S5	10.3g
302600003	PMG-40L-SM	14.7g
302600020	PMG-40M-S4	6.9g
302600021	PMG-40M-S5	7.3g
302600022	PMG-40M-SM	10.5g
302600013	PMG-40S-S4	5.6g
302600014	PMG-40S-S5	5.9g
302600015	PMG-40S-SM	8.1g

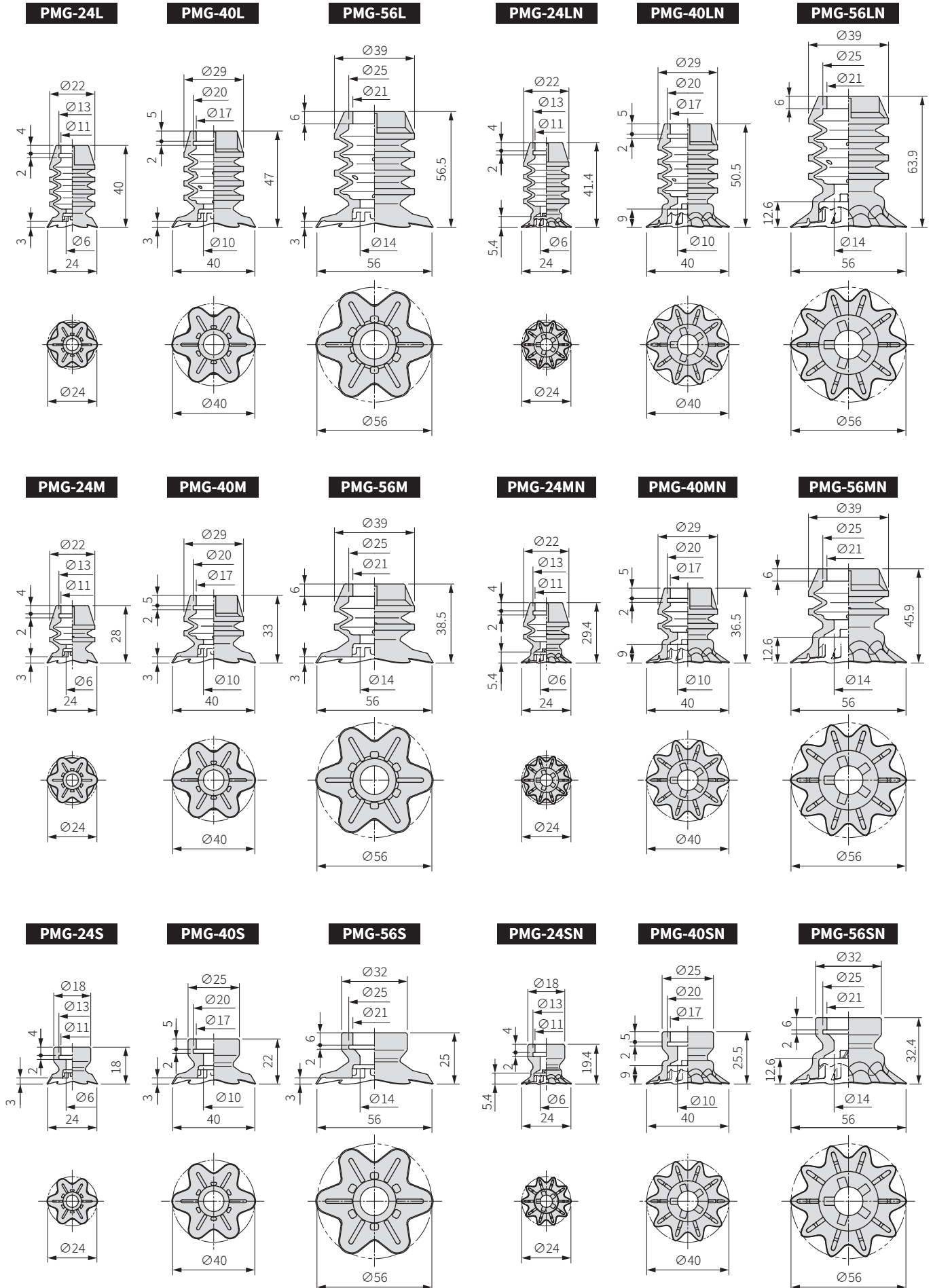
CODE	Model Number	Mass
302600004	PMG-56L-S4	20.6g
302600005	PMG-56L-S5	21.8g
302600006	PMG-56L-SM	30.8g
302600053	PMG-56M-S4	14.5g
302600054	PMG-56M-S5	15.2g
302600055	PMG-56M-SM	22.0g
302600016	PMG-56S-S4	11.2g
302600017	PMG-56S-S5	11.7g
302600018	PMG-56S-SM	16.9g

CODE	Model Number	Mass
302600047	PMG-24LN-S4	5.0g
302600048	PMG-24LN-S5	5.4g
302600049	PMG-24LN-SM	7.7g
302600044	PMG-24MN-S4	3.5g
302600045	PMG-24MN-S5	3.7g
302600046	PMG-24MN-SM	5.4g
302600041	PMG-24SN-S4	2.6g
302600042	PMG-24SN-S5	2.8g
302600043	PMG-24SN-SM	4.1g

CODE	Model Number	Mass
302600029	PMG-40LN-S4	10.7g
302600030	PMG-40LN-S5	11.3g
302600031	PMG-40LN-SM	16.3g
302600026	PMG-40MN-S4	7.7g
302600027	PMG-40MN-S5	8.2g
302600028	PMG-40MN-SM	11.6g
302600023	PMG-40SN-S4	6.5g
302600024	PMG-40SN-S5	6.9g
302600025	PMG-40SN-SM	9.8g

CODE	Model Number	Mass
302600038	PMG-56LN-S4	22.7g
302600039	PMG-56LN-S5	24.0g
302600040	PMG-56LN-SM	34.5g
302600035	PMG-56MN-S4	16.8g
302600036	PMG-56MN-S5	17.7g
302600037	PMG-56MN-SM	25.7g
302600032	PMG-56SN-S4	14.5g
302600033	PMG-56SN-S5	15.3g
302600034	PMG-56SN-SM	21.9g

Scale(4/10)



Pad Fitting Model Number

PL-30-G2-K-F

① ② ③

① Size (Compatible Models)

20	PMG-24
30	PMG-40
40	PMG-56

Note 1) The fitting is common for all maximum pad outside diameters (PMG-24/40/56).
Please note that the numbers used for the fitting and the pad are different.

② Thread Size

G1	G1/8Male Thread
G2	G1/4Male Thread
G3	G3/8Male Thread

Note 2) When "20" is selected for ①, only G1 is available.

③ Mesh Filter

Blank	None
-F	With



PL-20-G1-K

PL-30-G2-K

PL-40-G3-K

③ Mesh Filter
(Blank:None)



After Pad Installation

Material and Recommended Tightening Torque

Fitting Material	Aluminum Alloy
Surface Treatment	Anodizing
O-Ring	NBR
Mesh Filter ^{Note 3)}	Stainless Steel 60 Mesh
Recommended Tightening Torque	
G1(G1/8)	5 [N·m]
G2(G1/4)	10 [N·m]
G3(G3/8)	15 [N·m]

Note 3) ③When a Mesh Filter is Used

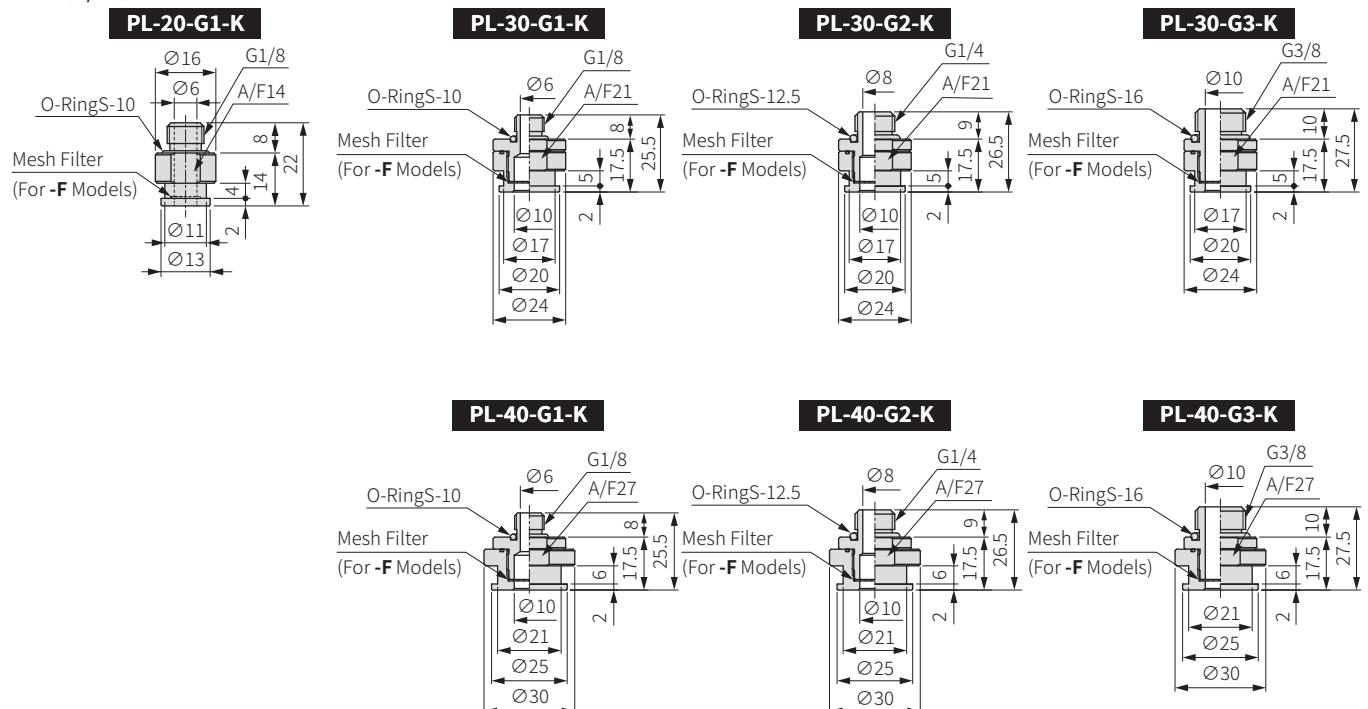
Pad Fitting Model Number List and Mass

CODE	Model Number	Mass	Thread Size	Compatible Pad Models
318500067	PL-20-G1-K	5.2g	G1/8Male Thread	PMG-24
318500068	PL-20-G1-K-F	5.2g		
318500069	PL-30-G1-K	14.3g	G1/8Male Thread	PMG-40
318500070	PL-30-G1-K-F	14.3g		
318500071	PL-30-G2-K	14.8g	G1/4Male Thread	
318500072	PL-30-G2-K-F	14.8g		
318500073	PL-30-G3-K	15.5g	G3/8Male Thread	
318500074	PL-30-G3-K-F	15.5g		

CODE	Model Number	Mass	Thread Size	Compatible Pad Models
318500075	PL-40-G1-K	20.6g	G1/8Male Thread	PMG-56
318500076	PL-40-G1-K-F	20.7g		
318500077	PL-40-G2-K	21.0g	G1/4Male Thread	
318500078	PL-40-G2-K-F	21.1g		
318500079	PL-40-G3-K	21.8g	G3/8Male Thread	
318500080	PL-40-G3-K-F	21.9g		

Pad Fitting Outline Drawing

Scale (4/10)



PM-40 L N - G1 - S4 - F

① ② ③ ④ ⑤ ⑥

① Maximum Pad Outside Diameter

24	Ø24mm (Suction Area Equivalent to Ø20mm)
40	Ø40mm (Suction Area Equivalent to Ø34mm)
56	Ø56mm (Suction Area Equivalent to Ø48mm)

② Bellows Type

L	3.5 Bellows		M	1.5 Bellows		S	Flat Type	
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③ Lip Configuration (Number of Fingers)

Blank	6-Finger		N	10-Finger	
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④ Thread Size

G1	G1/8 Male Thread
G2	G1/4 Male Thread
G3	G3/8 Male Thread

Note 1) If "24" is selected for ①, only G1 can be selected.

⑤ Pad Material

	Rubber Material	Hardness	Color	Heat Resistance Temperature
S4	Silicone Rubber	A 40	Light Blue	-60~250°C
S5	Silicone Rubber	A 55	Milky White	-60~250°C
SM	Metal-Detectable Silicone Rubber	A 55	Gray ^{Note2)}	-60~250°C

Note 2) Color variations may occur due to the characteristics of the material; however, they do not affect performance.

⑥ Mesh Filter

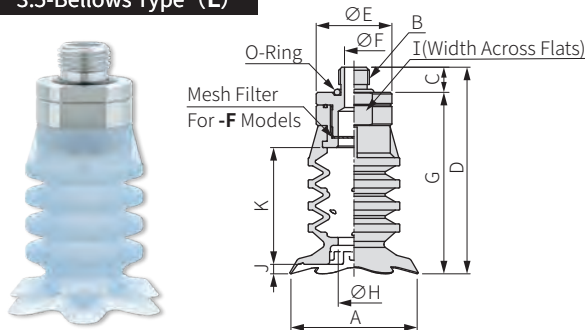
Blank	None
-F	With



Note) The pad assembly consists of the above pad rubber and pad fitting assembled as a single unit.

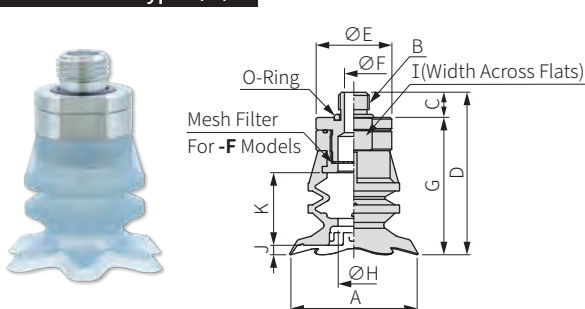
Pad Assembly Dimensions

3.5-Bellows Type (L)



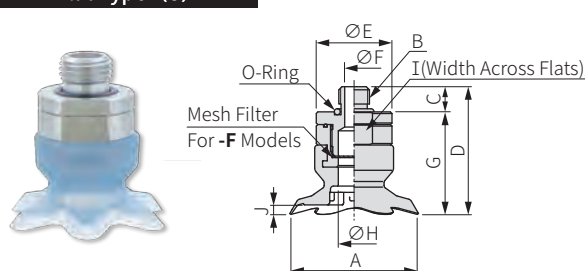
Model Number	A	B	C	D	E	F	G	H	I	J	K
PM-24L-G1-□	24	G1/8	8	56.0	16	Ø6	48	Ø6	14	3	30.0
PM-40L-G1-□	40	G1/8	8	65.5	24	Ø6	57.5	Ø10	21	3	34.5
PM-40L-G2-□	40	G1/4	9	66.5	24	Ø8	57.5	Ø10	21	3	34.5
PM-40L-G3-□	40	G3/8	10	67.5	24	Ø10	57.5	Ø10	21	3	34.5
PM-56L-G1-□	56	G1/8	8	74.0	30	Ø6	66	Ø14	27	3	43.3
PM-56L-G2-□	56	G1/4	9	75.0	30	Ø8	66	Ø14	27	3	43.3
PM-56L-G3-□	56	G3/8	10	76.0	30	Ø10	66	Ø14	27	3	43.3
PM-24LN-G1-□	24	G1/8	8	57.4	16	Ø6	49.4	Ø6	14	5.4	30.0
PM-40LN-G1-□	40	G1/8	8	69.0	24	Ø6	61	Ø10	21	9	34.5
PM-40LN-G2-□	40	G1/4	9	70.0	24	Ø8	61	Ø10	21	9	34.5
PM-40LN-G3-□	40	G3/8	10	71.0	24	Ø10	61	Ø10	21	9	34.5
PM-56LN-G1-□	56	G1/8	8	81.4	30	Ø6	73.4	Ø14	27	12.6	43.3
PM-56LN-G2-□	56	G1/4	9	82.4	30	Ø8	73.4	Ø14	27	12.6	43.3
PM-56LN-G3-□	56	G3/8	10	83.4	30	Ø10	73.4	Ø14	27	12.6	43.3

1.5-Bellows Type (M)



Model Number	A	B	C	D	E	F	G	H	I	J	K
PM-24M-G1-□	24	G1/8	8	44.0	16	Ø6	36.0	Ø6	14	3	19
PM-40M-G1-□	40	G1/8	8	51.5	24	Ø6	43.5	Ø10	21	3	23
PM-40M-G2-□	40	G1/4	9	52.5	24	Ø8	43.5	Ø10	21	3	23
PM-40M-G3-□	40	G3/8	10	53.5	24	Ø10	43.5	Ø10	21	3	23
PM-56M-G1-□	56	G1/8	8	56.0	30	Ø6	48.0	Ø14	27	3	27.5
PM-56M-G2-□	56	G1/4	9	57.0	30	Ø8	48.0	Ø14	27	3	27.5
PM-56M-G3-□	56	G3/8	10	58.0	30	Ø10	48.0	Ø14	27	3	27.5
PM-24MN-G1-□	24	G1/8	8	45.4	16	Ø6	37.4	Ø6	14	5.4	18.0
PM-40MN-G1-□	40	G1/8	8	55.0	24	Ø6	47.0	Ø10	21	9	20.5
PM-40MN-G2-□	40	G1/4	9	56.0	24	Ø8	47.0	Ø10	21	9	20.5
PM-40MN-G3-□	40	G3/8	10	57.0	24	Ø10	47.0	Ø10	21	9	20.5
PM-56MN-G1-□	56	G1/8	8	63.4	30	Ø6	55.4	Ø14	27	12.6	25.3
PM-56MN-G2-□	56	G1/4	9	64.4	30	Ø8	55.4	Ø14	27	12.6	25.3
PM-56MN-G3-□	56	G3/8	10	65.4	30	Ø10	55.4	Ø14	27	12.6	25.3

Flat Type (S)



Model Number	A	B	C	D	E	F	G	H	I	J
PM-24S-G1-□	24	G1/8	8	34.0	16	Ø6	26.0	Ø6	14	3
PM-40S-G1-□	40	G1/8	8	40.5	24	Ø6	32.5	Ø10	21	3
PM-40S-G2-□	40	G1/4	9	41.5	24	Ø8	32.5	Ø10	21	3
PM-40S-G3-□	40	G3/8	10	42.5	24	Ø10	32.5	Ø10	21	3
PM-56S-G1-□	56	G1/8	8	42.5	30	Ø6	34.5	Ø14	27	3
PM-56S-G2-□	56	G1/4	9	43.5	30	Ø8	34.5	Ø14	27	3
PM-56S-G3-□	56	G3/8	10	45.5	30	Ø10	34.5	Ø14	27	3
PM-24SN-G1-□	24	G1/8	8	35.4	16	Ø6	27.4	Ø6	14	5.4
PM-40SN-G1-□	40	G1/8	8	44.0	24	Ø6	36.0	Ø10	21	9
PM-40SN-G2-□	40	G1/4	9	45.0	24	Ø8	36.0	Ø10	21	9
PM-40SN-G3-□	40	G3/8	10	46.0	24	Ø10	36.0	Ø10	21	9
PM-56SN-G1-□	56	G1/8	8	49.9	30	Ø6	41.9	Ø14	27	12.6
PM-56SN-G2-□	56	G1/4	9	50.9	30	Ø8	41.9	Ø14	27	12.6
PM-56SN-G3-□	56	G3/8	10	51.9	30	Ø10	41.9	Ø14	27	12.6

Pad Fitting (SUS304)

HGL-20-G1-K

①

②

② Thread Size



HGL-20-G1-K



HGL-30-G2-K



HGL-40-G3-K

① Size (Compatible Models)

20	PMG-24
30	PMG-40
40	PMG-56

② Thread Size

G1	G1/8
G2	G1/4
G3	G3/8

Note 1) For HGL-20, only G1 is available.

Note 2) No mesh filter option is available for PL fittings.

Note 3) Cleaned and clean-packaged specifications are not available.

Material and Recommended Tightening Torque

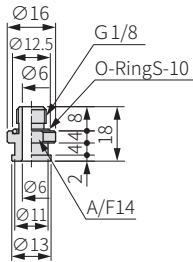
Fitting Material	SUS304
Surface Treatment	None
O-Ring	Food Sanitation Act-Compliant Silicone
Recommended Tightening Torque	
G1(G1/8)	5 [N·m]
G2(G1/4)	10 [N·m]
G3(G3/8)	15 [N·m]

Model Number List and Mass

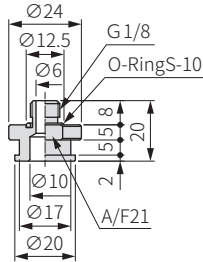
CODE	Model Number	Mass
318000760	HGL-20-G1-K	11g
318000761	HGL-30-G1-K	27g
318000762	HGL-30-G2-K	28g
318000763	HGL-30-G3-K	32g
318000764	HGL-40-G1-K	52g
318000765	HGL-40-G2-K	53g
318000766	HGL-40-G3-K	55g

Outline Drawing and Scale (4/10)

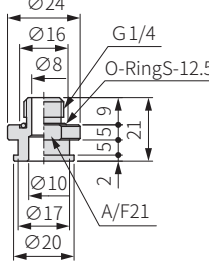
HGL-20-G1-K



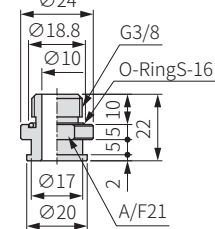
HGL-30-G1-K



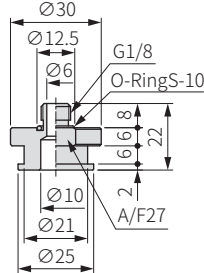
HGL-30-G2-K



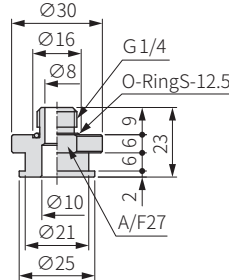
HGL-30-G3-K



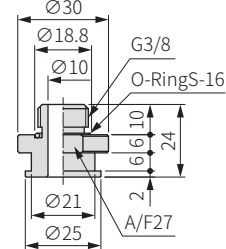
HGL-40-G1-K



HGL-40-G2-K



HGL-40-G3-K



Pad Fitting, M5/M8 Specification

PN-134B-M5-M-K-F

①

②

③



PN-134B-M5-M-K-F

① Size (Applicable Models)

134B	PMG-24
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Note 5) Only PMG-24 is compatible with the PN-B fitting.

② Thread Size

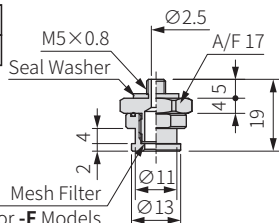
M5-M	M5×0.8, Male Thread
M8-M	M8×1.0, Male Thread

③ Mesh Filter

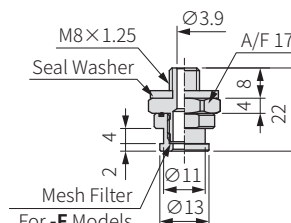
Blank	None
-F	With

Outline Drawing and Scale (1/2)

PN-134B-M5-M-K



PN-134B-M8-M-K



Model Number List and Mass

CODE	Model Number	Mass
317000059	PN-134B-M5-M-K	6.4g
317000163	PN-134B-M5-M-K-F	6.5g
317000158	PN-134B-M8-M-K	8.4g
317000164	PN-134B-M8-M-K-F	8.5g

Material and Recommended Tightening Torque

Fitting Material	Aluminum Alloy
Surface Treatment	Anodizing
Rubber Washer	NBR/Iron
Mesh Filter ^{Note 6)}	Stainless Steel, 60 Mesh
Mesh Filter	
M5-M(M5)	1.5 [N·m]
M8-M(M8)	6.2 [N·m]

Note 6) ③ For Models with a Mesh Filter

Fixed Fitting (PLTK/PLYK)

PLTK-G1

① ②

① Vacuum Source Connection Direction

T	Vertical
Y	Horizontal

② Thread Size

G1	G1/8
----	------

PLTK-G1

PLYK-G1

Material

Material	Brass
Surface Treatment	Nickel Plating

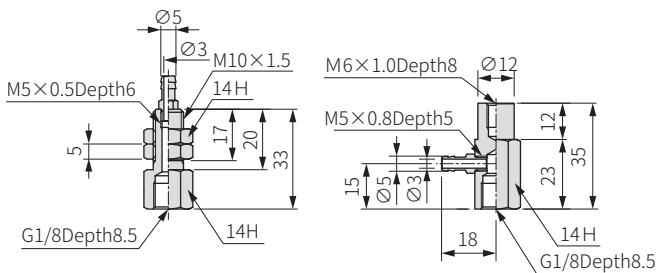
Model Number List and Mass

CODE	Model Number	Mass
318000749	PLTK-G1	30g
318000750	PLYK-G1	35g

Outline Drawing and Scale (4/10)

PLTK-G1

PLYK-G1



Example of Fitting Combination

Fixed Fitting (CRKT)

CRK-FP G1 TZ-R

① ② ③

① Fitting Material

FP	Aluminum Alloy
SFP	SUS304

Noyr 1) Fitting Material

② Pad Side Thread Size □

G1	G1/8
----	------

③ Vacuum Source Thread Size

TZ	M5×0.8
TZ-R	Rc1/8

Note 2) If SFP is selected for ①, only TZ can be selected.

Note 3) When TZ is selected, a significant reduction in suction flow rate may occur.

Therefore, use with a maximum pad O.D. of Ø24 mm or less, or with a flat-type pad, is recommended.

③ Vacuum Source Thread Size



CRK-FPG1TZ

CRK-SFPG1TZ

Model Number List and Mass

CODE	Model Number	Mass
502600132	CRK-FPG1TZ 注4)	13g
502600454	CRK-FPG1TZ-R 注4)	11g
502600637	CRK-SFPG1TZ	36g

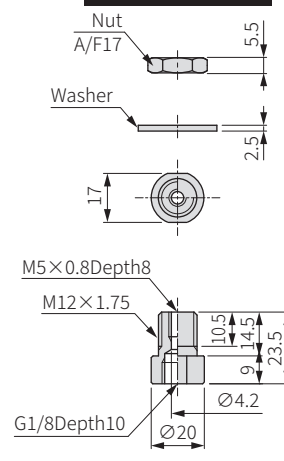
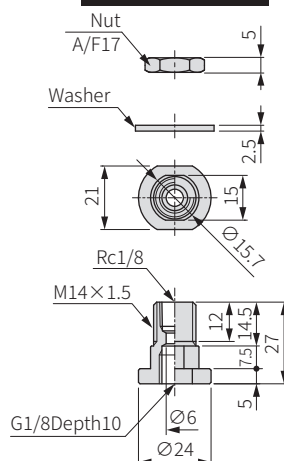
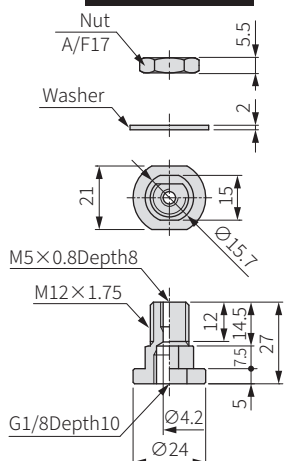
Note 4) For FP, two pieces are supplied as a set. The mass shown is for one piece.

Outline Drawing and Scale (2/5)

CRK-FPG1TZ

CRK-FPG1TZ-R

CRK-SFPG1TZ



Material

Fitting	Aluminum Alloy / Anodizing
Nut	SUS304
Washer	Iron / Trivalent Chromate Zinc Plating

Material

Fitting	Aluminum Alloy / Anodizing
Nut	Brass / Nickel Plating
Washer	SUS304

Material

Fitting	SUS304
Nut	SUS304
Washer	SUS304

CORE- PM24L-PO

①

①Applicable Pads

PM24L	PMG-24L/24LN
PM40L	PMG-40L/40LN
PM56L	PMG-56L/40LN

②Material

PO	POM (Compliant with the Food Sanitation Act)
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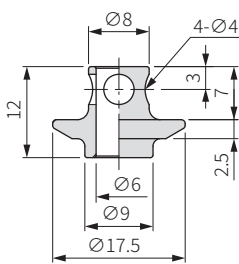


Model Number List and Mass

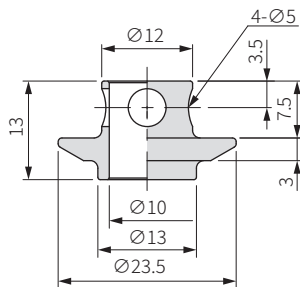
CODE	Model Number	Mass
318000736	CORE-PM24L-PO	0.9g
318000737	CORE-PM40L-PO	1.7g
318000738	CORE-PM56L-PO	3.5g

Outline Drawing and Scale (1/1)

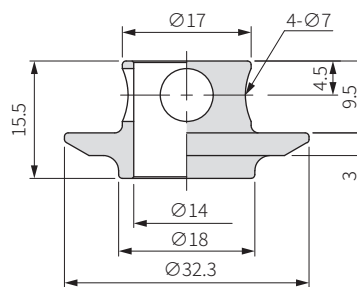
CORE-PM24L-PO



CORE-PM40L-PO



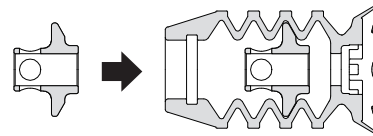
CORE-PM56L-PO



CORE Installation Method

- ① Insert the CORE from the fitting mounting side and install it on the second bellows section as viewed from the fitting mounting side.

Note) Pay attention to the orientation of the CORE.



CORE-PM40L-PO

PMG-40L

Lifting Force

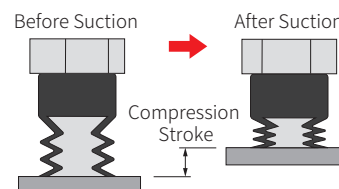
Suction Pad	Lifting Force[N]				
	Vacuum Pressure[kPa]				
	-50	-60	-70	-80	-90
PMG-24L	13	14	14	14	15
PMG-40L	26	28	30	36	37
PMG-56L	47	49	56	59	78
PMG-24LN	12	14	14	14	15
PMG-40LN	14	17	20	23	27
PMG-56LN	28	33	37	41	47
PMG-24M	11	13	15	16	17
PMG-40M	26	28	30	36	37
PMG-56M	61	71	70	72	74
PMG-24MN	11	13	14	15	17
PMG-40MN	19	22	24	26	27
PMG-56MN	54	61	51	50	52
PMG-24S	15	15	11	11	11
PMG-40S	33	35	40	46	52
PMG-56S	59	69	75	83	88
PMG-24SN	12	14	16	18	19
PMG-40SN	31	35	39	42	45
PMG-56SN	63	70	78	83	87

Note) The data shown are actual measured values obtained under our test conditions and are not guaranteed specifications. Please use them as reference values when selecting and using the product. The values represent the maximum lifting force measured when the pad was pulled away from a fixed flat plate. Under actual operating conditions, performance may vary depending on the material and shape of the workpiece. Therefore, please conduct testing using the actual equipment.

Bellows Compression Stroke

Suction Pad	Compression Stroke[mm]				
	Vacuum Pressure[kPa]				
	-50	-60	-70	-80	-90
PMG-24L	16	17	17	17	17
PMG-40L	19	19	20	20	20
PMG-56L	25	26	26	27	28
PMG-24LN	14	15	15	15	16
PMG-40LN	18	18	18	19	19
PMG-56LN	24	25	25	26	26
PMG-24M	10	11	11	11	11
PMG-40M	11	11	12	12	13
PMG-56M	16	16	17	17	18
PMG-24MN	7	8	9	9	9
PMG-40MN	11	11	11	12	12
PMG-56MN	15	15	15	16	16

Note) The data shown are actual measured values obtained under our test conditions and are not guaranteed specifications. Please use them as reference values when selecting and using the product. The values represent the bellows compression stroke when a flat plate is gripped.



Material Properties Table

Material			Silicone Rubber, Hardness A40	Silicone Rubber, Hardness A55	Metal-Detectable Silicone Rubber
Our Specifications	Symbol		S4	S5	SM
	Color / Identification		Translucent Light Blue	Translucent Milky White	Gray
Mechanical Properties	Hardness	JIS K6253	40	55	55
	Specific Gravity	JIS K6268	1.14	1.17	1.67
	Tensile Strength	JIS K6251	△	○	△
	Elongation	JIS K6251	○	△	△
	Tear Strength	JIS K6252	○	○	○
	Abrasion Resistance	JIS K6264-2	○	○	△
	Tackiness	In-house Measurement Method	○	○	○
Physical Properties	Maximum Operating Temperature (°C)	-	200	200	200
	Brittleness Temperature (°C)	JIS K6261	-60	-60	-60
	Ozone Resistance	-	◎	◎	◎
Oil and Chemical Resistance	Oil	Kerosene	×	×	×
		Vegetable Oil	○	○	○
	Alcohol	Ethanol	○	○	○
		IPA	○	○	○
	Acid	Hydrochloric Acid (10%)	◎	◎	×
		Sulfuric Acid (10%)	◎	◎	○
	Alkali	Aqueous Ammonia (2%)	○	○	○
		Sodium Hypochlorite (5%)	◎	◎	◎
	Water		◎	◎	◎
Food Sanitation Act Test (Standards Test for Rubber Utensils, Containers and Packaging) (100°C or less)			Pass	Pass	Pass
FDA 21 CFR § 177.2600 (Rubber Articles Intended for Repeated Use)			Pass	Pass	Pass

【Mechanical Properties】 ◎Good ○Standard △Inferior ×Poor

【Ozone, Oil, and Chemical Resistance】 ◎Resistant ○Usable (Note: Deterioration may occur depending on conditions such as high concentrations, frequency of contact, or prolonged immersion.)

× Not Resistant

Note 1) This table shows the general properties of our rubber materials. The values shown are for reference only and are not guaranteed values. Rubber properties may deteriorate significantly near the maximum or minimum operating temperatures. Even within the specified operating temperature range, the properties may vary depending on the pad shape and duration of use. Please conduct sufficient testing and verification before use.

Notes for Star-Shaped Pad (PM)



Official website

Before use, be sure to read the "For Safe Use" section in this catalog, the "General Precautions" and "Common Precautions for CONVUM Products" in the General Catalog, as well as the Instruction Manual for this product.

<https://www.convum.co.jp/english/index.html>

Precautions for Use

⚠ CAUTION

- Use fittings and tubing with the largest possible inner diameter for the vacuum piping, and keep the tubing as short as possible.

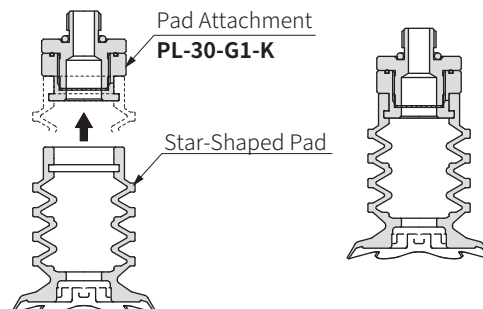
Since vacuum leakage caused by wrinkles in bag workpieces can be significant, using fittings with a small inner diameter or long, narrow tubing may reduce the suction flow rate of the ejector and prevent proper suction.

We recommend using a high-suction-flow ejector, a multistage ejector, or an inline ejector that allows the vacuum piping to be kept short.

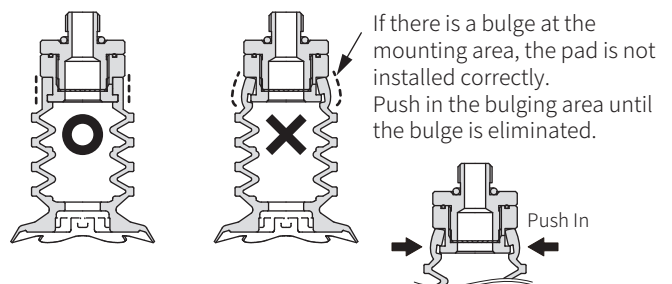
Installation to Pad Attachment

⚠ CAUTION

If the Pad Attachment is not securely installed, it may come loose and fall during suction transfer. Be sure to observe the following precautions.



⚠ Precautions Check the installation condition.





Official website



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