

# Vacuum Cup Fitting

<http://www.pisco.com>

## 10-32UNF & M5 thread type

For Ø4~Ø50mm dia. various types of Vacuum Cup



Type and model number of vacuum fitting

Mounting type	Snap on type (Direct mounting)		Screw type (Connection with screw)		Snap on type (Direct mounting)		Snap on type (Direct mounting)	Female screw type (Connection with screw)
Cup Mounting type drawing								
Fitting code	FVPL15-U10 (FVPL15-M5)	FVPLF15-U10 (FVPLF15-M5)	VPU10-6-7 (VPM56-7)	VPU10-12-9 (VPM512-9)	FSPH10-U10 (FSPH10-M5)	FSPH20-U10 (FSPH20-M5)	(VPE-PB15-M5)	(CFHM5-M5)
	FVPL40-U10 (FVPL40-M5)	FVPLF30-U10 (FVPLF30-M5)	VPU10-10-8 (VPM510-8)	VPU10-10-13 (VPM510-13)				
	(VPME-T8-M5)							

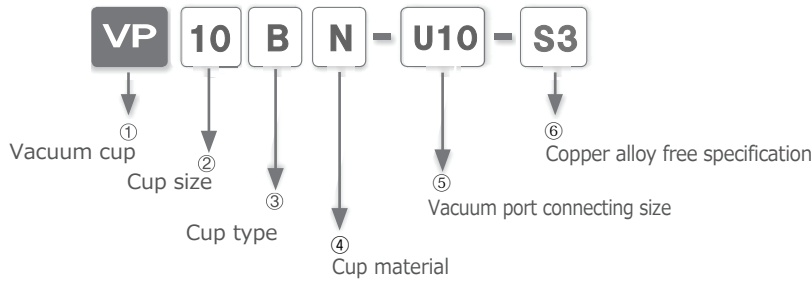
Cup type													
	Standard		Soft	Soft Bellows	Skidproof	Bellows	Multi-bellows	For packaging bag	Ultrathin object	Flat	Mark-free	Oval	
Code	R	A	L	LB	K	B	W	PB	P	F	Q	E	
Pad size (ømm), D x W (mm) for oval type	4	—	—	FVPL15-U10 (FVPL15-M5)	—	—	—	—	—	—	—	2x4	
	6	(VPME-T8-M5)	—	FVPL15-U10 (FVPL15-M5)	FVPL15-U10 (FVPL15-M5)	—	(VPME-T8-M5)	—	—	—	—	3.5x7	
	8	(VPME-T8-M5)	—	FVPL15-U10 (FVPL15-M5)	FVPL15-U10 (FVPL15-M5)	—	(VPME-T8-M5)	—	(VPME-T8-M5)	—	—	4x10	
	10	VPU10-6-7 (VPM56-7)	—	FVPL15-U10 (FVPL15-M5)	FVPL15-U10 (FVPL15-M5)	VPU10-6-7 (VPM56-7)	VPU10-6-7 (VPM56-7)	VPU10-6-7 (VPM56-7)	—	(VPME-T8-M5)	FVPLF15-U10 (FVPLF15-M5)	(CFHM5-M5)	5x10
	15	VPU10-6-7 (VPM56-7)	VPU10-6-7 (VPM56-7)	FVPL15-U10 (FVPL15-M5)	FVPL15-U10 (FVPL15-M5)	—	VPU10-6-7 (VPM56-7)	—	—	(VPME-T8-M5)	FVPLF15-U10 (FVPLF15-M5)	—	6x10
	20	VPU10-10-8 (VPM510-8)	VPU10-10-8 (VPM510-8)	FVPL40-U10 (FVPL40-M5)	FVPL40-U10 (FVPL40-M5)	VPU10-10-8 (VPM510-8)	VPU10-10-8 (VPM510-8)	VPU10-10-8 (VPM510-8)	—	(VPME-T8-M5)	FVPLF30-U10 (FVPLF30-M5)	(CFHM5-M5)	4x20
	25	VPU10-10-8 (VPM510-8)	VPU10-10-8 (VPM510-8)	—	—	—	VPU10-10-8 (VPM510-8)	—	—	—	FVPLF30-U10 (FVPLF30-M5)	—	4x30
	30	VPU10-12-9 (VPM512-9)	VPU10-12-9 (VPM512-9)	FVPL40-U10 (FVPL40-M5)	—	VPU10-12-9 (VPM512-9)	VPU10-12-9 (VPM512-9)	VPU10-12-9 (VPM512-9)	(VPE-PB15-M5)	—	FVPLF30-U10 (FVPLF30-M5)	(CFHM5-M5)	5x20
	40	VPU10-10-13 (VPM510-13)	VPU10-10-13 (VPM510-13)	FVPL40-U10 (FVPL40-M5)	—	VPU10-10-13 (VPM510-13)	VPU10-10-13 (VPM510-13)	VPU10-10-13 (VPM510-13)	(VPE-PB15-M5)	—	—	—	5x30
	50	VPU10-10-13 (VPM510-13)	VPU10-10-13 (VPM510-13)	—	—	VPU10-10-13 (VPM510-13)	VPU10-10-13 (VPM510-13)	VPU10-10-13 (VPM510-13)	(VPE-PB15-M5)	—	—	—	6x20
												6x30	
												8x20	
												8x30	

※ The model number in the brackets indicates M5 metric thread, other models come with 10-32UNF threads

※ Please ask us about models with other threads

※ When you select the screw type fitting such as VPU10-10-13 or VPM510-13, the cup support is needed to install the vacuum cup. See the following page for details.

## Model Designation (Example)



① Vacuum cup

② Vacuum cup size - ③ Cup type

10-32UNF and M5 thread fitting availability chart

Cup type	Standard												Oval
	General		Deep	Soft	Soft Bellows	Skidproof	Bellows	Multi-bellows	For packaging bag	Ultrathin object	Flat	Mark-free	
Code	R	A	L	LB	K	B	W	PB	P	F	Q	E	
Pad size (ømm), D x W (mm) for oval type	4	—	—	10-32UNF M5	—	—	—	—	—	—	—	2x4	
	6	M5	—	10-32UNF M5	10-32UNF M5	—	M5	—	—	—	—	3.5x7	
	8	M5	—	10-32UNF M5	10-32UNF M5	—	M5	—	M5	—	—	4x10	
	10	10-32UNF M5	—	10-32UNF M5	10-32UNF M5	10-32UNF M5	10-32UNF M5	10-32UNF M5	—	M5	10-32UNF M5	M5	5x10
	15	10-32UNF M5	10-32UNF M5	10-32UNF M5	10-32UNF M5	—	10-32UNF M5	—	—	M5	10-32UNF M5	—	4x20
	20	10-32UNF M5	10-32UNF M5	10-32UNF M5	10-32UNF M5	10-32UNF M5	10-32UNF M5	10-32UNF M5	—	M5	10-32UNF M5	M5	4x30
	25	10-32UNF M5	10-32UNF M5	—	—	—	10-32UNF M5	—	—	—	10-32UNF M5	—	5x20
	30	10-32UNF M5	10-32UNF M5	10-32UNF M5	—	10-32UNF M5	10-32UNF M5	10-32UNF M5	—	—	10-32UNF M5	M5	5x30
	40	10-32UNF M5	10-32UNF M5	10-32UNF M5	—	10-32UNF M5	10-32UNF M5	10-32UNF M5	M5	—	—	—	6x20
	50	10-32UNF M5	10-32UNF M5	—	—	10-32UNF M5	10-32UNF M5	10-32UNF M5	M5	—	—	—	6x30
												8x20	
												8x30	

④ Cup material

Code	N	G	HN	S	EP	U	F	FS	SE	E	NE	S2	S4	YS2	YS4	NH	K	M	KE
Material	Nitrile	NBR - Japan food sanitation act compl.	HNBR	Silicone	EPDM	Urethane	Fluoro rubber	Fluoro Silicone	ESD Silicone	ESD Butadien	ESD NBR	FDA compl. Silicone	FDA compl. Silicone	FDA compl. Silicone	FDA compl. Silicone	Oil proof NBR	PEEK	POM	ESD PEEK
Vacuum cup type applicable	A,B,E, F,L,LB, P,R,W	A,R,W	A,B,E, LB,R, W	A,B,E,F, K,L,LB, P,R,W	A,B,E, LB, R,W	A,B,E,F, K,LB, P,R,W	A,B,E, F,K,P, R,W	L,P	B,E,F, L,R	E,R	A,B,E,F, K,L,LB, P,R,W	PB	PB	B,W	B,W	K	Q	Q	Q

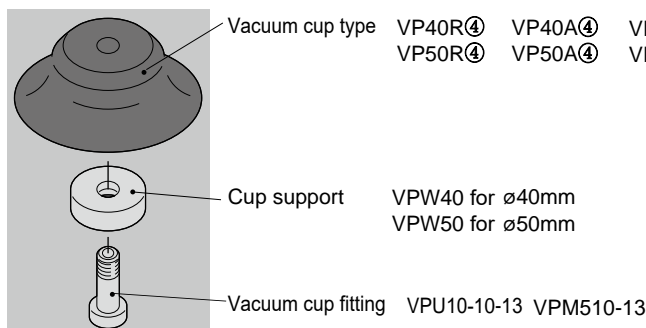
⑤ Vacuum port thread size

Code	U10	M5
Thread size	10-32UNF	M5

⑥ Material option

Code	No code	S3
Material	Standard	Copper alloy free material

When the screw type fitting for ø40 and ø50mm cup is ordered, the cup support is needed to install the vacuum cup.

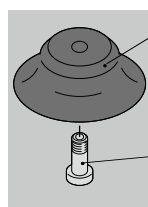
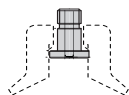


**New** FDA compliant silicone material



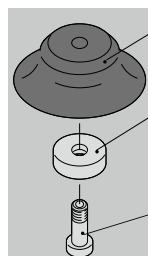
# Vacuum Cup Fitting Type & Price

Screw type  
(Connection with screw)



- VP10R④ VP15A④ VP10K④ VP10B④ VP10W④
- VP15R④ VP20A④ VP20K④ VP15B④ VP20W④
- VP20R④ VP25A④ VP30K④ VP20B④ VP30W④
- VP25R④ VP30A④ VP25B④
- VP30R④ VP30B④

Model	Price (\$)
VPU10-6-7 (10-32UNF), VPM56-7 (M5) (for ø10, ø15)	2.09
VPU10-10-8 (10-32UNF), VPM510-8 (M5) (for ø20, 25)	2.27
VPU10-12-9 (10-32UNF), VPM512-9 (M5) (for ø30)	2.27



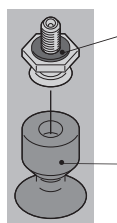
- VP40R④ VP40A④ VP40K④ VP40B④ VP40W④
- VP50R④ VP50A④ VP50K④ VP50B④ VP50W④

Model	Price (\$)
VPM40 (for ø40)	1.36
VPM50 (for ø50)	1.64

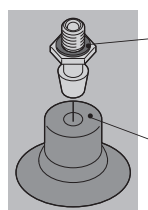
Model	Price (\$)
VPU10-10-13 (10-32UNF)	2.27
VPM510-13 (M5)	2.27

Snap on type  
(Direct mounting)



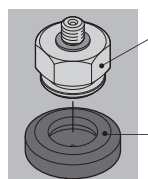
Model	Price (\$)
VPME-T8-M5 (M5) for VP6R, 8R, 8P, 10P, 15P, 20P	4.55
FVPL15-U10 (10-32UNF), FVPL15-M5 (M5) for VP4L, 6L, 8L, 10L, 15L, 6LB, 8LB, 10LB, 15LB	2.55

- VP6R④ VP4L④ VP10L④ VP6LB④ VP10LB④ VP8P④ VP15P④
- VP8R④ VP6L④ VP15L④ VP8LB④ VP15LB④ VP10P④ VP20P④
- VP8L④



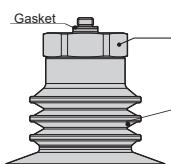
Model	Price (\$)
FVPL40-U10 (10-32UNF), FVPL40-M5 (M5) for VP20L, 30L, 40L, 20LB	2.55

- VP20L④ VP20LB④
- VP30L④
- VP40L④



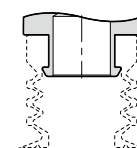
Model	Price (\$)
FVPLF15-U10 (10-32UNF), FVPLF15-M5 (M5) for ø10, ø15	5.82
FVPLF30-U10 (10-32UNF), FVPLF30-M5 (M5) for ø20, 25, 30	5.82

- VP10F④ VP20F④
- VP15F④ VP25F④
- VP30F④

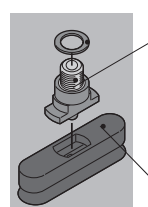


Model	Price (\$)
VPE-PB15-M5 (M5)	12.73

- VP30PB④
- VP40PB④
- VP50PB④



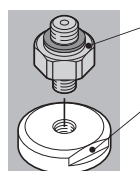
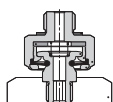
Snap on type  
(Direct mounting)



Model	Price (\$)
FSPH10-U10 (10-32UNF), FSPH10-M5 (M5) for VP2x4E, 3.5x7E, 4x10E, 5x10E, 6x10E	3.64
FSPH20-U10 (10-32UNF), FSPH20-M5 (M5) for VP4x20E, 4x30E, 5x20E, 5x30E, 6x20E, 6x30E, 8x20E, 8x30E	3.64

- VP2x4E④ VP4x10E④ VP6x10E④ VP4x20E④ VP5x20E④ VP6x20E④ VP8x20E④
- VP3.5x7E④ VP5x10E④ VP4x30E④ VP5x30E④ VP6x30E④ VP8x30E④

Female screw type  
(Connection with screw)



Model	Price (\$)
CFHM5-M5 (M5)	18.21

- VP10Q④
- VP20Q④
- VP30Q④

※ Ask us for the price on the model with "-S3" (copper alloy free specification).