

Suction Cup Fittings (With Pads) / Suction Cup Units

Small Type

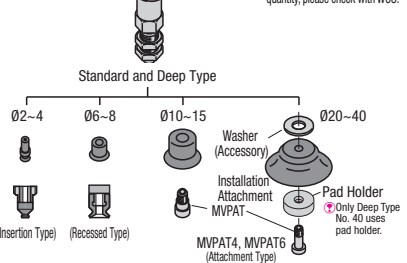
Direct Mounting Type Small (Shape J)

Type	Accessory	Pad Shape	Pad Material
MVPJN	VPJN	Small	Nitrile Rubber
MVPJS	VPJS		Conductive Silicon Rubber
MVPJF	VPJF		Fluoro Rubber

RoHS 10 Fitting Material: Brass Surface Treatment: Electroless Nickel Plating

Part Number			d	Unit Price		
Type	Pad Material	No.		MVPJN	MVPJS	MVPJF
MVPJ (Small)	NSF	0.7	0.7			
		1	1			
		1.5	1.5			
		2	2			
		3	3			
		4	4			

Structure Diagram



Example

- Standard Type is suitable for suction on flat workpiece.
- Deep Type is suitable for suction on round objects.

Standard Type **Deep Type**

Flat Workpiece

Round Fruits or Ball

Applicable spherical surface size list for deep type suction cups

Applicable minimum diameter

Spherical diameter: S (mm)	20	25	30	40
Applicable Pad Size: d (mm)	030	040	050	080

Suction Cup Units **RoHS 10**

Standard Type

Deep Type

Small Type

Type	Material	Pad Shape	Hardness	Color
VPNT	Nitrile Rubber	Standard	Shore A50 ~ 60	Black
VPUE	Conductive Silicon Rubber		Shore A60	Black
VPUF	Fluoro Rubber	Deep	Shore A50 ~ 60	Gray
VPFT	Nitrile Rubber		Shore A50 ~ 60	Black
VPFF	Fluoro Rubber	Small	Shore A50 ~ 60	Gray
VPJN	Nitrile Rubber		Shore A55	Black
VPJS	Conductive Silicon Rubber	Shore A60	Black	
VPJF	Fluoro Rubber	Shore A55	Gray	

Standard Type

No.2, No.3, No.4, No.6, No.8, No.10, No.15, No.20

Deep Type

No.20, No.25, No.30, No.40

Small

No.0.7, No.1, No.1.5, No.2, No.3, No.4

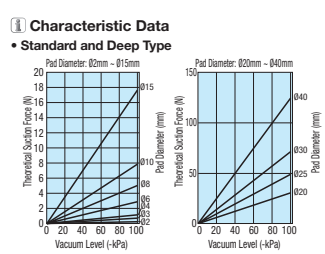
Part Number	Applicable Vacuum Fitting No.	Mounting	VPNT		VPUE		VPUF	
			Unit Price	Volume Discount Rate	Unit Price	Volume Discount Rate	Unit Price	Volume Discount Rate
VPNT VPUE VPUF	2	Insertion Type	1-9 pcs/1	10-20	1-9 pcs/1	10-20	1-9 pcs/1	10-20
	3							
	4							
	6	Recessed Type						
	8							
	10							
15	Attachment Type (With pad screw)							
20								

Specifications

Type	VPNT, VPFT, VPJN	VPUE, VPJS	VPUF, VPFF, VPJF
Max. Operating Temp.	110°	180°	230°
Min. Operating Temp.	-30°	-40°	-10°
Weather Resistance	△	○	○
Ozone Resistance	△	○	○
Acid Resistance	△	○	○
Alkali Resistance	△	○	×
Oil Resistance (Gasoline, Light Oil)	○	△	○
Oil Resistance (Benzene, Toluene)	△	△	○
Surface Resistivity	-	10 ⁴ -10 ⁹ /sq	-

Part Number	Applicable Vacuum Fitting MVF	Mounting	VPFT		VPFF	
			Unit Price	Volume Discount Rate	Unit Price	Volume Discount Rate
VPFT VPFF	20	Attachment Type (With pad screw)				
	25					
	30					
	40					

Part Number	Applicable Vacuum Fitting MVPJ	Mounting	VPJN		VPJS		VPJF	
			Unit Price	Volume Discount Rate	Unit Price	Volume Discount Rate	Unit Price	Volume Discount Rate
VPJN VPJS VPJF	0.7	Attachment Type (With pad screw)						
	1							
	1.5							
	2							



Not available in combination with vacuum fittings (SRK, SRKN, SRKNS) on P.1441.

For orders larger than indicated quantity, please check with WOS.

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Ordering Example

Part Number: MVPKN4 VPF30