

Features

- ◇ Suitable for handling workpiece with curve surface.
- ◇ Various materials for different workpieces. Conductive silicone can effectively prevent static damage to electronic products.
- ◇ Various sizes are available for workpiece with different shapes and sizes.



Application

- ◇ Paper box packaging
- ◇ Small semiconductor material

How to order

SU 30 N – G1F

① ② ③ ④

① Series	② Diameter	③ Material & Hardness	④ Connection thread
SU	6 – φ6mm	25 – φ25mm	N – NBR
	8 – φ8mm	30 – φ30mm	S – Silicone
	10 – φ10mm	40 – φ40mm	WS – White silicone
	15 – φ15mm	50 – φ50mm	CS – Conductive silicone
	20 – φ20mm	80 – φ80mm	
			Nil – Suction cup only M5M – M5 Male thread G1F – G1/8 Female thread G1M – G1/8 Male thread G2F – G1/4 Female thread G2M – G1/4 Male thread

◇ Note: "★" – common material, in stock. For other materials, please consult with AIRBEST.

Selection

Model/Connection thread	M5M	G1M	G1F	G2F	G2M	G3F	G3M
SU6 – 15	●	–	–	–	–	–	–
SU20 – 40	–	●	●	–	–	–	–
SU50	–	–	–	●	●	●	●
SU80	–	–	●	–	–	–	–

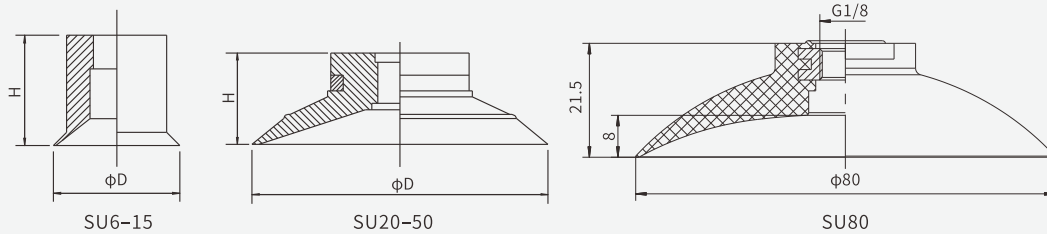
◇ Note: "●" – default, in stock; "–" – unavailable.

Technical parameters

Model	Pull-out force (N)	Inner volume (cm ³)	Min. curve radius of workpiece (mm)	Recommended hose diameter (mm)
SU6	2.1	<0.1	7.5	4
SU8	3.2	<0.1	10	4
SU10	4.7	<0.1	12	6
SU15	7.4	0.5	20	6
SU20	9.5	0.8	30	6
SU25	18	1.2	45	6
SU30	33	1.5	45	6
SU40	60	3	65	6
SU50	92	7	80	6
SU80	210	24	120	8

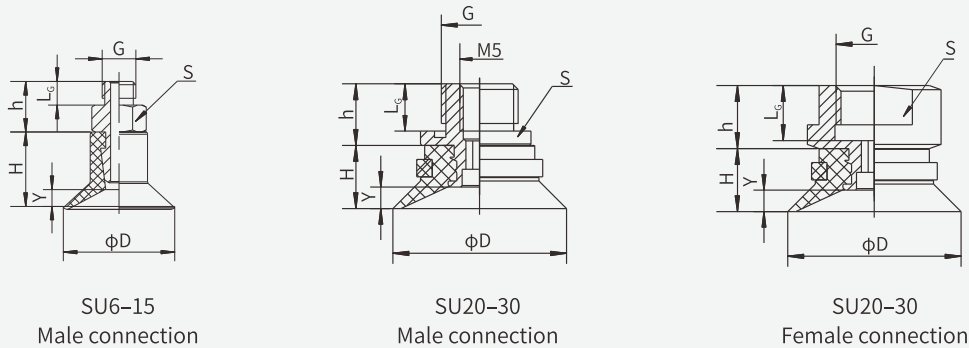
◇ Note: Testing vacuum level: –60kPa. Testing Workpiece: smooth and clean surface. The data of pull-out force as above are figured out without considering safety factor. The data may be different according to different workpiece surfaces.

Dimensions(mm)



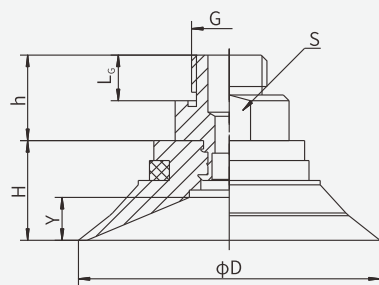
Model/Size	D	H
SU6	7	6.5
SU8	9	7
SU10	11	10.5
SU15	16.5	11

Model/Size	D	H
SU20	22	8
SU25	27	9
SU30	32	9.5
SU40	42	13
SU50	53	17.5

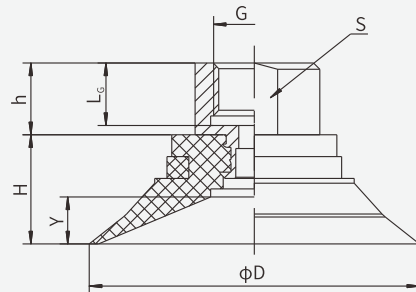


Model/Size	D	H	G	L_6	h	S	Y
SU6-M5M	7	6.5	M5	3.5	7.5	7	1.5
SU8-M5M	9	7	M5	3.5	7.5	7	2
SU10-M5M	11	10.5	M5	3.5	7.5	7	2
SU15-M5M	16.5	11	M5	3.5	7.5	7	3
SU20-G1F	22	8	G1/8	7	8	13	2.2
SU20-G1M	22	8	G1/8	6	7.8	13	2.2
SU25-G1F	27	9	G1/8	7	8	13	2.9
SU25-G1M	27	9	G1/8	6	7.8	13	2.9
SU30-G1F	32	9.5	G1/8	7	8	13	4.5
SU30-G1M	32	9.5	G1/8	6	7.8	13	4.5

Dimensions(mm)



SU40-50 Male connection



SU40-50 Female connection

Model/Size	D	H	G	L _g	h	S	Y
SU40-G1F	42	13	G1/8	7	10	17	5.2
SU40-G1M	42	13	G1/8	6	12	17	5.2
SU50-G2F	53	17.5	G1/4	10	13	24	7
SU50-G2M	53	17.5	G1/4	9	17	24	7
SU50-G3F	53	17.5	G3/8	11	13	24	7
SU50-G3M	53	17.5	G3/8	10	18	24	7

Mounting parts

Item	Model		Applicable suction cup
	F - Female thread	M - Male thread	
Fitting for suction cup	-	PJS-M5M-SC2	SU6、8
	-	PJS-M5M-SC3	SU10、15
	PJS-G1F-SF1	PJS-G1M-SF1	SU20、25、30
	PJS-G1F-SF2	PJS-G1M-SF2	SU40
	PJS-G2F-SF3	PJS-G2M-SF3	SU50
	PJS-G3F-SF3	PJS-G3M-SF3	SU50

◇Note:Please refer to page 22 for mounting parts selection.