



Vacuum Suction Cups with Fittings - Elastodur



Part No. [10.01.01.13244](#)
Model No. [SPF-30-ED-65-G1/8-AG](#)



Part No. [10.01.06.03489](#)
Model No. [SPB1-10-ED-65-M5-AG](#)



Part No. [10.01.06.03457](#)
Model No. [SPB2-30-ED-65-G1/8-AG](#)

Schmalz Elastodur suction cups are a durable choice for most cardboard and rigid packaging vacuum applications. AutomationDirect.com's offering includes flat and bellows cups with G-thread (BSPP) fittings. Sizes range from 10 to 60mm diameter. Replacement cups are available for all sizes.

Features:

- Elastodur cup material with aluminum fitting
- Flat, single bellows and double bellows styles
- Sizes 10mm to 60mm diameter
- Fitting sizes M5 to G 1/4

Vacuum Suction Cups with Fittings - Elastodur										
Part No.	Schmalz Model No.	Price	Style	Fold(s)	Size	Fitting Connection	Drawing Link	Manufacturer Specs		
10.01.01.13240	SPF-20-ED-65-G1/8-AG	\$11.00	Flat	-	20mm	G1/8 male BSPP	PDF	PDF		
10.01.01.13244	SPF-30-ED-65-G1/8-AG	\$12.50			30mm		PDF	PDF		
10.01.01.13246	SPF-40-ED-65-G1/4-AG	\$18.00			40mm	G1/4 male BSPP	PDF	PDF		
10.01.01.13248	SPF-50-ED-65-G1/4-AG	\$20.00			50mm		PDF	PDF		
10.01.06.03489	SPB1-10-ED-65-M5-AG	\$12.00	Bellows	1	10mm	M5 male	PDF	PDF		
10.01.06.03492	SPB1-20-ED-65-G1/8-AG	\$13.00			20mm	G1/8 male BSPP	PDF	PDF		
10.01.06.03496	SPB1-30-ED-65-G1/8-AG	\$15.50			30mm		PDF	PDF		
10.01.06.03498	SPB1-40-ED-65-G1/4-AG	\$20.00			40mm	PDF	PDF			
10.01.06.03500	SPB1-50-ED-65-G1/4-AG	\$23.50			50mm	G1/4 male BSPP	PDF	PDF		
10.01.06.03502	SPB1-60-ED-65-G1/4-AG	\$25.50			60mm		PDF	PDF		
10.01.06.03453	SPB2-20-ED-65-G1/8-AG	\$16.00			2		20mm	G1/8 male BSPP	PDF	PDF
10.01.06.03457	SPB2-30-ED-65-G1/8-AG	\$19.50					30mm		PDF	PDF
10.01.06.03459	SPB2-40-ED-65-G1/4-AG	\$25.00					40mm	G1/4 male BSPP	PDF	PDF
10.01.06.03461	SPB2-50-ED-65-G1/4-AG	\$30.00					50mm		PDF	PDF



Part No. [10.01.01.12370](#)
Model No. [SPF-20-ED-65-SC040](#)



Part No. [10.01.06.02782](#)
Model No. [SPB1-10-ED-65-SC030](#)



Part No. [10.01.06.03409](#)
Model No. [SPB2-20-ED-65-SC040](#)

Replacement Vacuum Suction Cups - Elastodur								
Part No.	Schmalz Model No.	Price	Style	Fold(s)	Size	Manufacturer Specs		
10.01.01.12370	SPF-20-ED-65-SC040	\$7.00	Flat	-	20mm	PDF		
10.01.01.12372	SPF-30-ED-65-SC040	\$8.25			30mm	PDF		
10.01.01.12373	SPF-40-ED-65-SC040	\$11.00			40mm	PDF		
10.01.01.12374	SPF-50-ED-65-SC040	\$12.50			50mm	PDF		
10.01.06.02782	SPB1-10-ED-65-SC030	\$7.00	Bellows	1	10mm	PDF		
10.01.06.02452	SPB1-20-ED-65-SC040	\$8.50			20mm	PDF		
10.01.06.02454	SPB1-30-ED-65-SC040	\$11.00			30mm	PDF		
10.01.06.02455	SPB1-40-ED-65-SC050	\$13.00			40mm	PDF		
10.01.06.02456	SPB1-50-ED-65-SC050	\$16.00			50mm	PDF		
10.01.06.02457	SPB1-60-ED-65-SC050	\$18.00			60mm	PDF		
10.01.06.03409	SPB2-20-ED-65-SC040	\$12.00			2		20mm	PDF
10.01.06.03411	SPB2-30-ED-65-SC040	\$15.50					30mm	PDF
10.01.06.03412	SPB2-40-ED-65-SC050	\$18.50					40mm	PDF
10.01.06.03413	SPB2-50-ED-65-SC050	\$23.00					50mm	PDF

For additional details see manufacturer's technical specifications, manuals and inserts (where applicable).



Vacuum Suction Cups with Fittings - Silicone

Schmalz silicone suction cups are an excellent choice for applications requiring resistance to elevated temperatures and FDA requirements. AutomationDirect.com's offering includes bellows cups with G-thread (BSPP) fittings. Sizes range from 14 to 63mm diameter. Replacement cups are available for all sizes.



Part No. [10.01.06.00092](#)
Model No. FSGA-43-SI-55-G1/4-AG



Part No. [10.01.06.03526](#)
Model No. SPB4-40-SI-55-G1/4-AG

Features:

- Silicone cup material with aluminum fitting
- Single and quadruple bellows styles
- Sizes 14 to 63mm diameter
- Fitting sizes G 1/8 to G 1/4

Vacuum Suction Cups with Fittings - Silicone									
Part No.	Schmalz Model No.	Price	Style	Fold(s)	Size	Fitting Connection	Drawing Link	Manufacturer Specs	
10.01.06.00384	FSGA-14-SI-55-G1/8-AG	\$11.50	Bellows	1	14mm	G1/8 male BSPP	PDF	PDF	
10.01.06.00393	FSGA-20-SI-55-G1/8-AG	\$12.00			20mm		PDF	PDF	
10.01.06.00091	FSGA-33-SI-55-G1/4-AG	\$15.00			33mm	G1/4 male BSPP	PDF	PDF	
10.01.06.00092	FSGA-43-SI-55-G1/4-AG	\$17.50			43mm		PDF	PDF	
10.01.06.00093	FSGA-53-SI-55-G1/4-AG	\$21.50			53mm		PDF	PDF	
10.01.06.00686	FSGA-63-SI-55-G1/4-AG	\$28.00		63mm	PDF	PDF			
10.01.06.03515	SPB4-20-SI-55-G1/4-AG	\$20.00		4	4	20mm	G1/4 male BSPP	PDF	PDF
10.01.06.03521	SPB4-30-SI-55-G1/4-AG	\$22.50				30mm		PDF	PDF
10.01.06.03526	SPB4-40-SI-55-G1/4-AG	\$29.50				40mm		PDF	PDF
10.01.06.03532	SPB4-50-SI-55-G1/4-AG	\$39.00				50mm		PDF	PDF



Part No. [10.01.06.00127](#)
Model No. FGA-43-SI-55-N018



Part No. [10.01.06.02590](#)
Model No. SPB4-40-SI-55-SC090

Replacement Vacuum Suction Cups - Silicone							
Part No.	Schmalz Model No.	Price	Style	Fold(s)	Size	Manufacturer Specs	
10.01.06.00371	FGA-14-SI-55-N016	\$8.25	Bellows	1	14mm	PDF	
10.01.06.00374	FGA-20-SI-55-N016	\$9.25			20mm	PDF	
10.01.06.00126	FGA-33-SI-55-N018	\$9.75			33mm	PDF	
10.01.06.00127	FGA-43-SI-55-N018	\$12.00			43mm	PDF	
10.01.06.00128	FGA-53-SI-55-N018	\$16.00			53mm	PDF	
10.01.06.00689	FGA-63-SI-55-N018	\$23.00		63mm	PDF		
10.01.06.02588	SPB4-20-SI-55-SC080	\$14.00		4	4	20mm	PDF
10.01.06.02589	SPB4-30-SI-55-SC080	\$16.50				30mm	PDF
10.01.06.02590	SPB4-40-SI-55-SC090	\$22.00				40mm	PDF
10.01.06.02613	SPB4-50-SI-55-SC090	\$31.00				50mm	PDF

For additional details see manufacturer's technical specifications, manuals and inserts (where applicable).



Vacuum Suction Cups with Fittings - Nitrile Rubber

Schmalz nitrile suction cups are an excellent choice for many general purpose vacuum applications. AutomationDirect.com's offering includes bellows cups with G-thread (BSPP) fittings. Sizes range from 14 to 78mm. Replacement cups are available for all sizes.



Part No. [10.01.06.00390](#)
Model No. FSGA-20-NBR-55-G1/8-AG



Part No. [10.01.06.00083](#)
Model No. FSGA-53-NBR-55-G1/4-AG

Features:

- Durable nitrile cup material for a large range of uses
- Single bellows style for uneven surfaces
- Sizes 14 to 78mm diameter
- Fitting sizes G1/8 to G1/4

Vacuum Suction Cups with Fittings - Nitrile Rubber								
Part No.	Schmalz Model No.	Price	Style	Fold(s)	Size	Fitting Connection	Drawing Link	Manufacturer Specs
10.01.06.00381	FSGA-14-NBR-55-G1/8-AG	\$8.25	Bellows	1	14mm	G1/8 male BSPP	PDF	PDF
10.01.06.00390	FSGA-20-NBR-55-G1/8-AG	\$9.75			20mm		PDF	PDF
10.01.06.00081	FSGA-33-NBR-55-G1/4-AG	\$12.50			33mm	G1/4 male BSPP	PDF	PDF
10.01.06.00082	FSGA-43-NBR-55-G1/4-AG	\$15.00			43mm		PDF	PDF
10.01.06.00083	FSGA-53-NBR-55-G1/4-AG	\$17.50			53mm		PDF	PDF
10.01.06.00685	FSGA 63 NBR-55 G1/4-AG	\$21.50			63mm		PDF	PDF
10.01.06.00084	FSGA-78-NBR-55-G1/4-AG	\$26.00			78mm	PDF	PDF	



Part No. [10.01.06.00130](#)
Model No. FGA-33-NBR-55-N018



Part No. [10.01.06.00133](#)
Model No. FGA-78-NBR-55-N019

Replacement Vacuum Suction Cups - Nitrile Rubber						
Part No.	Schmalz Model No.	Price	Style	Fold(s)	Size	Manufacturer Specs
10.01.06.00370	FGA-14-NBR-55-N016	\$5.25	Bellows	1	14mm	PDF
10.01.06.00373	FGA-20-NBR-55-N016	\$6.75			20mm	PDF
10.01.06.00130	FGA-33-NBR-55-N018	\$7.00			33mm	PDF
10.01.06.00131	FGA-43-NBR-55-N018	\$9.50			43mm	PDF
10.01.06.00132	FGA-53-NBR-55-N018	\$12.00			53mm	PDF
10.01.06.00688	FGA-63-NBR-55-N018	\$16.00			63mm	PDF
10.01.06.00133	FGA-78-NBR-55-N019	\$20.50			78mm	PDF

For additional details see manufacturer's technical specifications, manuals and inserts (where applicable).



Vacuum Spring Plungers and Couplers



Part No. [10.01.02.00609](#)
Model No. FSTE-M5-IG-20



Part No. [10.01.02.00604](#)
Model No. FSTE-G1/8-AG-50



Part No. [10.01.02.00568](#)
Model No. FSTE-G1/4-AG-50

Schmalz vacuum spring plungers mount to suction cups and are an excellent option for pick and place operations where the product varies in height. Strokes range from 10 to 50mm.

Features:

- Barrel mounting jam nuts included
- Cup connections M5, G1/8 and G1/4
- Couplers in G1/8 and G1/4

Vacuum Spring Plungers							
Part No.	Schmalz Model No.	Price	Cup Connection	Vacuum Connection	Stroke	Drawing Link	Manufacturer Specs
10.01.02.00608	FSTE-M5-IG-10	\$57.00	M5 female	M5 female	10mm [0.39 in]	PDF	PDF
10.01.02.00609	FSTE-M5-IG-20	\$59.00			20mm [0.79 in]	PDF	PDF
10.01.02.00603	FSTE-G1/8-AG-25	\$68.00	G1/8 male BSPP	G1/8 female BSPP	25mm [0.98 in]	PDF	PDF
10.01.02.00604	FSTE-G1/8-AG-50	\$70.00			50mm [1.97 in]	PDF	PDF
10.01.02.00567	FSTE-G1/4-AG-25	\$76.00	G1/4 male BSPP		25mm [0.98 in]	PDF	PDF
10.01.02.00568	FSTE-G1/4-AG-50	\$79.00			50mm [1.97 in]	PDF	PDF

For additional details see manufacturer's technical specifications, manuals and inserts (where applicable).



Part No. [10.08.05.00125](#)
Model No. MUF-S-G1/8-IG-18-SW14-MS-V



Part No. [10.08.05.00126](#)
Model No. MUF-S-G1/4-IG-26-SW17-MS-V

Vacuum Couplers					
Part No.	Schmalz Model No.	Price	Fitting Connection	Drawing Link	Manufacturer Specs
10.08.05.00125	MUF-S-G1/8-IG-18-SW14-MS-V	\$3.25	G1/8 female BSPP to G1/8 female BSPP	PDF	PDF
10.08.05.00126	MUF-S-G1/4-IG-26-SW17-MS-V	\$4.00	G1/4 female BSPP to G1/4 female BSPP	PDF	PDF

For additional details see manufacturer's technical specifications, manuals and inserts (where applicable).



Vacuum Ejectors

Multi-Stage Ejectors



Part No. [10.02.01.01606](#)
Model No. SBPL-100-HF-NPT



Part No. [10.02.01.01598](#)
Model No. SBPL-100-HF

Basic Ejector



Part No. [10.02.01.00566](#)
Model No. SBP-15-S02-SDA

Schmalz multi-stage and basic ejectors are efficient with a very high suction rate. They are excellent for vacuum applications with both airtight and porous products. Either ejector is easily maintained.

Features:

- SBPL multi-stage ejectors can be used for central vacuum applications with suction rates of 500 l/min [17.7 cfm] to 860 l/min [30.4 cfm]
- SBP basic ejectors can mount very close to the cup with suction rates of 37.7 l/min [1.3 cfm] to 71 l/min [2.5 cfm]

Vacuum Ejectors							
Part No.	Schmalz Model No.	Price	Suction Rate	Inlet(s)	Vacuum Port	Drawing Link	Manufacturer Specs
10.02.01.01605	SBPL-50-HF-NPT	\$378.00	500.0 l/min [17.7 cfm]	3/8 in female NPT	3/4 in female NPT	PDF	PDF
10.02.01.01606	SBPL-100-HF-NPT	\$649.00	860.0 l/min [30.4 cfm]		1 inch female NPT	PDF	PDF
10.02.01.01597	SBPL-50-HF	\$378.00	500.0 l/min [17.7 cfm]	G3/8 female BSPP	G3/4 female BSPP	PDF	PDF
10.02.01.01598	SBPL-100-HF	\$649.00	860.0 l/min [30.4 cfm]		G1 female BSPP	PDF	PDF
10.02.01.00565	SBP-10-S02-SDA	\$43.00	37.7 l/min [1.3 cfm]	6mm push-to-connect	8mm push-to-connect	PDF	PDF
10.02.01.00566	SBP-15-S02-SDA	\$46.50	71.0 l/min [2.5 cfm]			PDF	PDF

For additional details see manufacturer's technical specifications, manuals and inserts (where applicable).



Vacuum Ejector - Air Saving



Schmalz SCPS is a fully integrated compact ejector which includes the vacuum valve, release valve, and vacuum sensor for part present confirmation. There is an integrated air saving function to reduce air consumption by up to 80%. This ejector is ideal for pick and place applications with very short cycle times.

Features:

- Suction rate 65.5 l/min [2.3 cfm] and 85% evacuation
- M12 electrical connection
- G1/8 air and vacuum connections
- LED bar display

Part No. 10.02.02.04116

Model No. SCPS-15-G02-NC-M12-50-PNP

Vacuum Ejector - Air Saving							
Part No.	Schmalz Model No.	Price	Suction Rate	Inlet(s)	Vacuum Port	Drawing Link	Manufacturer Specs
10.02.02.04116	SCPS-15-G02-NC-M12-50-PNP	\$688.00	65.5 l/min [2.3 cfm]	G1/8 female BSPP	G1/8 female BSPP	PDF	PDF

For additional details see manufacturer's technical specifications, manuals and inserts (where applicable).

Electrical Connection			
	M12	1	BN (Brown) U _{S/A} (24VDC)
		2	WH (White) Suction
		3	BU (Blue) Gnd _{S/A}
		4	BK (Black) H2
		5	GY (Green/Yellow) Blow-off

Operating Parameters					
		Min	Typ	Max	Unit
Supply	U _{S/A}	19.2	24	26.4	V _{DC}
Nominal Current (U _{S/A})		70mA			
SCPS-xx-NO / SCPS-xx-NC	I _{S/A}	-	110/70	-	mA
Output Current	I _O	-	-	150	mA
Operating Pressure	p	2	4	6	bar
Air Consumption		101 l/min			
SCPS-10	Q	-	42	-	l/min