





About Flexy Vacuum Cups

Flexy Vacuum Cups is a Singapore registered Sales & Marketing company specializing in industrial vacuum cups in polyurethane. Set up by **Klas Öhman** - 15 years experience from PIAB.

We work close with our manufacturing partners in "Low cost countries" and have our central warehouse in Singapore. We have a certain standard program of cups in stock but also welcome new customized projects that can exclusively be produced for our customers. Low tools costs as well as short delivery time for sampling.

"Our philosophy is to be independent, open-minded and flexible"

Business Areas

Polyurethane has the ability to bridge the gap between rubber and plastic with its wide hardness range. Outstanding characteristics such as tough, high abrasion resistance, fuel and oil resistance, high shock absorbing quality, ozone and oxygen resistance, high resistance to cut initiation and cut growth. So this can enhance the life expectancy of the unit that means the savings in down time of operation.

For Vacuum cups we are also fully aware that customers buying "branded" vacuum cups are paying a high price, which many realize, but find it difficult to source less expensive, high quality vacuum cups. It seems also that vacuum cups in PU are more and more demanded on the market.

Therefore our business idea is quite simple: To be your partner for high quality vacuum cups in polyurethane at competitive prices.





COMBiFlex Vacuum Cups

Our "CombiFlex" Pu cups

We also have a unique process of bonding different hardness together which means you get a firm bellow/body in combination with a soft lip. This makes the cups stable and durable with excellent sealing properties.

It is very well known among vacuum users that the bellow cups like 1.5 & 2.5 are used all over the world in different material for different applications. However bellow in Dual hardness is more rare and unique. We can now offer you to complete your existing program with dual hardness. For bigger volumes you can also get them in your own company colors and of course customize your own dual hardness cup.



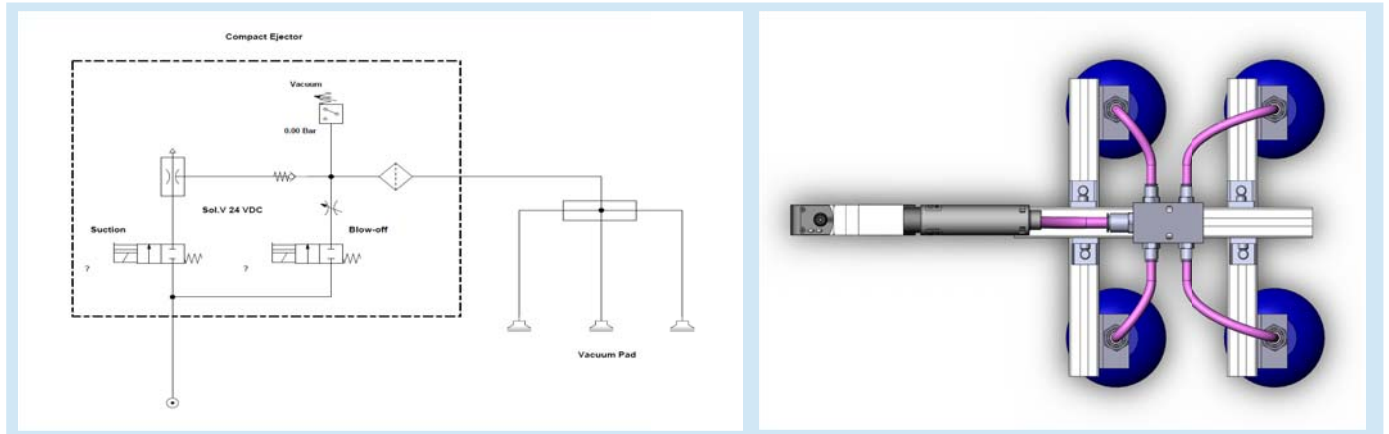
Vacuum Cups Applications

Our PU vacuum cups are widely used in automated automobile assembly plants, labelling and printing, plastic, packaging, robot, medical and pharmaceutical manufacturing, materials handling and many other industrial applications where pick-and-place methods are employed.

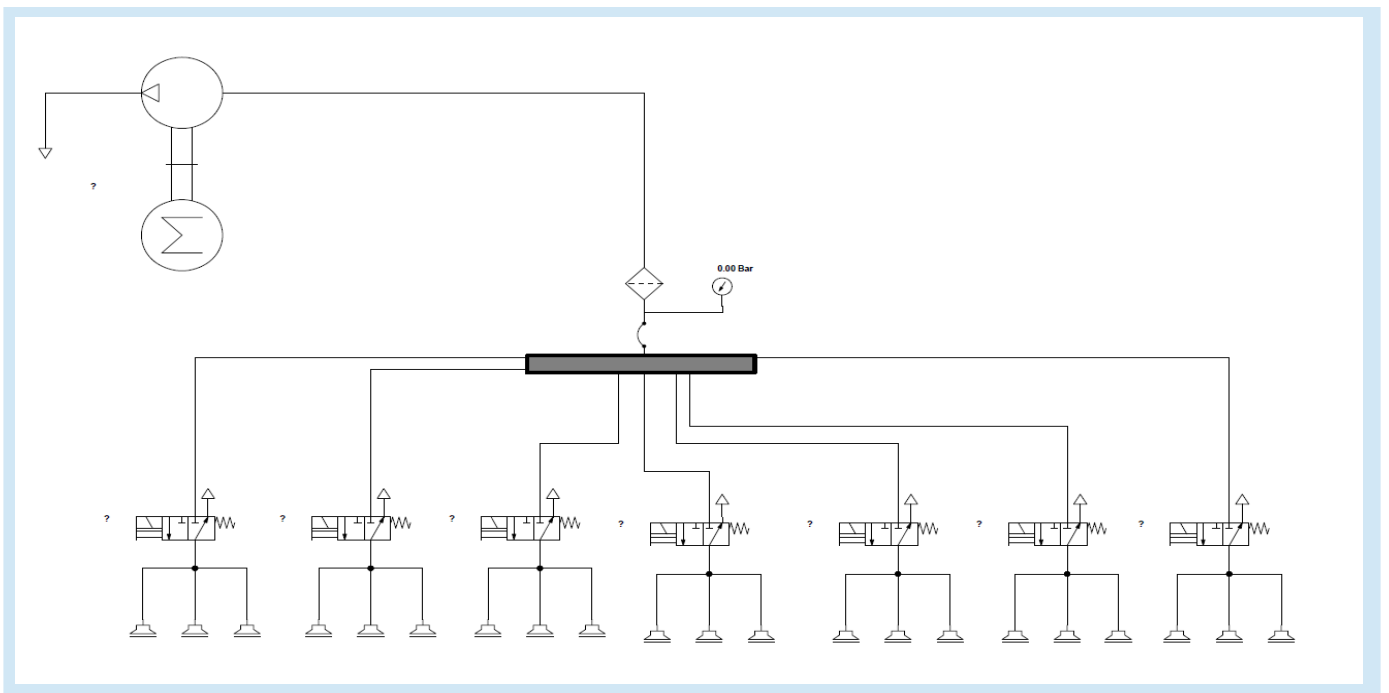
Whether on a short or long runs, for custom or standard design we can quote customized cups from your supplied drawings.

Vacuum Knowledge

Basic Vacuum Circuit Diagrams



Example : Basic Vacuum Circuit Diagrams with Compact Ejector



Example : Basic Vacuum Circuit Diagrams with Vacuum Pump

Vacuum Knowledge

Diameter of suction cup

Horizontal pick up :

$$d = 1.12 \times \sqrt{\frac{m \times S}{P_u \times n}}$$

Vertical pick up :

$$d = 1.12 \times \sqrt{\frac{m \times S}{P_u \times n \times \mu}}$$

d = Suction pad diameter in cm
m = Mass of workpiece in kg
P_u = Vacuum in bar
n = Number of suction pads
μ = Friction coefficient
S = Safety factor

Calculation example for horizontal pick up :

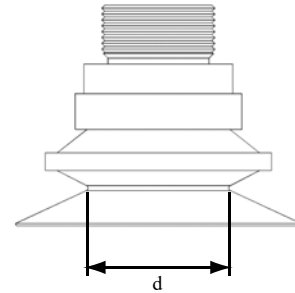
$$d = 1.12 \times \sqrt{\frac{50 \text{ kg} \times 2}{0.4 \text{ bar} \times 4}}$$

d = **8.85 cm**

Calculation example for vertical pick up :

$$d = 1.12 \times \sqrt{\frac{50 \text{ kg} \times 2}{0.4 \text{ bar} \times 4 \times 0.5}}$$

d = **12.5 cm**



Metal sheet : m = 50 kg
Vacuum : P_u = -0.4 bar
Number of suction pads : n = 4
Friction coefficient : μ = 0.5
Safety factor : S = 2

Metal sheet : m = 50 kg
Vacuum : P_u = -0.4 bar
Number of suction pads : n = 4
Friction coefficient : μ = 0.5
Safety factor : S = 2

Diameter of vacuum hose

Diameter of distributor hose (mm) :

$$d = \frac{D}{\sqrt{n}}$$

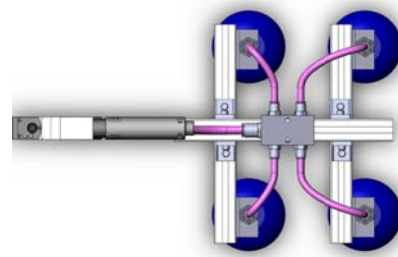
D = Diameter of supply hose from vacuum generator (mm)
d = diameter of distributor hose (mm)
n = number of distributor hose
A = area of hose (mm²)

Example 1 : How to calculate hose for distributor branch with main ID.
D = 10 mm , number of hose n = 4

$$d = \frac{10}{\sqrt{4}}$$

d = **5 mm**

intenal diameter for distributor hose = **5 mm**



Example 2 : How to calculate hose ID main supply
number of hose n = 4 hose, ID for distributor d= 5 mm

$$A_d = \frac{\pi d^2}{4} \times n = \frac{\pi 5^2}{4} \times 4 = 78.56 \text{ mm}^2$$

$$A_d = \frac{\pi D^2}{4}$$

$$D = \sqrt{\frac{78.56 \times 4}{\pi}} = 10 \text{ mm}$$

intenal diameter for main supply hose = **10 mm**



Standard Flexy Cups 1.5 Below Ø 15 mm to Ø 70 mm

1 - 1



Standard Flexy Cups 2.5 Below Ø 20 mm to Ø 70 mm

2 - 1



5 Series Flexy Gripper Cups Flat Type Ø 20 mm to Ø 120 mm

3 - 1



20 Series Flexy Traction Cups Ø 40 mm to Ø 100 mm

4 - 1



15 Series Flexy T - Yellow Cups 1.5 Below Ø 10 mm to Ø 70 mm

5 - 1



10 Series Flexy Flat Cups Ø 20 mm to Ø 60 mm

6 - 1



25P Series Flexy Picker Cups 2.5 Below Ø 25 mm to Ø 55 mm

7 - 1



Thin Flexy Flat Cups 2.5 Below Ø 30 mm to Ø 70 mm

8 - 1



30 Series Flexy Friction Cups Flat Type Ø 80 mm

9 - 1



Spring leveler stroke 25 mm to 75 mm

10 - 1

Flexy Standard Cups – 1.5 Bellows

Standard Vacuum Cups



COMBiFlex

Vacuum Cup Properties

Material	Color	Temp. Range	Shore Hardness
Polyurethane	Dark Blue / Blue	5°– 80°C	30° / 60°Shore




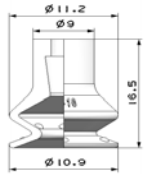

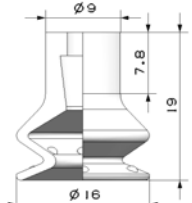

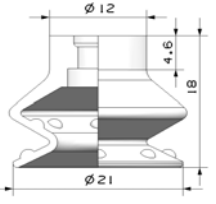

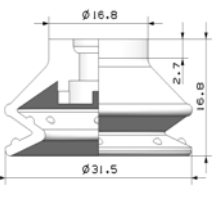

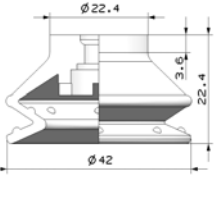

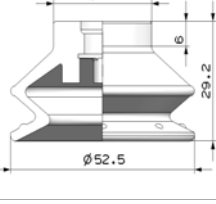

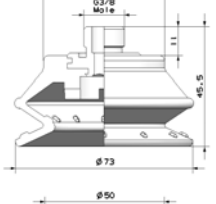
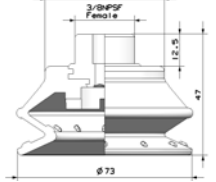
1.5 Bellow Standard Cups

- Our 1.5 family you will find in the sizes from Ø 15 mm to Ø 70 mm .
- Our CombiFlex cups you will find in standard hardness 30/60 shore A and 60 shore A. The two hardness cup 30/60 shore has a bellow in 60 shore and a lip in 30 shore, which makes the cup stable and durable with excellent sealing properties.
- Our "CombiFlex " material is **developed** to meet all the characteristics that is required for a high performance vacuum cup. Normally our polyurethane vacuum cups will last 3-4 times longer than the cups made of rubber or other vulcanized or polymerized materials. This means less "down time" but more "turn over" with increased productivity. Their key characteristics are good resilience or flexibility, high tensile strength with high wear and tear resistance. Comparing to other famous brand names, our product quality is comparable or even better. In general we are also able to keep a much more competitive price.
- The 1.5 family is good in areas with slightly convex surfaces, compensates up to a certain degree for height differences and separation of thin materials.



Flexy Standard Cups 1.5 Bellows Family

Order Information

Picture	Article No.	Description	Hardness Shore A	Color	Insert / Fitting	Pcs. / Box	Dimension in mm
	15010-06	Flexy 15-10	60	T - Blue	Without	25	
	15015-01	Flexy 15-15	30/60	D/L - Blue	Without	25	
	15015-06		60	D - Blue			
	15020-01	Flexy 15-20	30/60	D/L - Blue	Without	50	
	15020-06		60	D - Blue			
	15030-01	Flexy 15-30	30/60	D/L - Blue	Without	50	
	15030-06		60	D - Blue			
	15040-01	Flexy 15-40	30/60	D/L - Blue	Without	30	
	15040-06		60	D - Blue			
	15050-01	Flexy 15-50	30/60	D/L - Blue	Without	18	
	15050-06		60	D - Blue			
	15070-01	Flexy 15-70	30/60	D/L - Blue	G3/8" - M	8	
	15070-02				3/8" NPFS - F		
	15070-03				G3/8" - F		
	15070-11		60	D - Blue	G3/8" - M		
	15070-12				3/8" NPFS - F		
	15070-13				G3/8" - F		

Please notice sizes 15 to 50 are without fittings, cup 15-70 will come with molded insert. Height for 15-70 include insert. Cups will be delivered in min. quantity as per pcs/box
For more information and dimensions please contact sales@flexyvacuumcups.com

Flexy Standard Cups – 2.5 Bellows



COMBiFlex

Vacuum Cup Properties

Material	Color	Temp. Range	Shore Hardness
Polyurethane	Dark Blue / Blue	5°– 80°C	30° / 60°Shore




2.5 Bellow Standard Cups

- Our 2.5 family you will find in the sizes from Ø 15 mm to Ø 70 mm .
- Our CombiFlex cups you will find in standard hardness 30/60 shore A and 60 shore A. The two hardness cup 30/60 shore has a bellow in 60 shore and a lip in 30 shore, which makes the cup stable and durable with excellent sealing properties.
- Our "CombiFlex " material is **developed** to meet all the characteristics that is required for a high performance vacuum cup. Normally our polyurethane vacuum cups will last 3-4 times longer than the cups made of rubber or other vulcanized or polymerized materials. This means less "down time" but more "turn over" with increased productivity. Their key characteristics are good resilience or flexibility, high tensile strength with high wear and tear resistance. Comparing to other famous brand names, our product quality is comparable or even better. In general we are also able to keep a much more competitive price.
- The 2.5 family is good for use on specially curved and uneven surfaces. The double bellows suction cup is very good at compensating for a degree of difference in level and curvatures of a workpiece.



Flexy Standard Cups 2.5 Bellows Family

Order Information

Picture	Article No.	Description	Hardness Shore A	Color	Insert / Fitting	Pcs. / Box	Dimension in mm
	25020-01	Flexy 25-20	30/60	D/L - Blue	Without	50	
	25020-06		60	D - Blue			
	25025-01	Flexy 25-25	30/60	D/L - Blue	Without	50	
	25025-06		60	D - Blue			
	25030-01	Flexy 25-30	30/60	D/L - Blue	Without	50	
	25030-06		60	D - Blue			
	25035-01	Flexy 25-35	30/60	D/L - Blue	Without	30	
	25035-06		60	D - Blue			
	25040-01	Flexy 25-40	30/60	D/L - Blue	Without	30	
	25040-06		60	D - Blue			
	25050-01	Flexy 25-50	30/60	D/L - Blue	Without	18	
	25050-06		60	D - Blue			
	25070-01	Flexy 25-70	30/60	D/L - Blue	G3/8" - M	10	
	25070-02				3/8" NPFS - F		
	25070-03				G3/8" - F		
	25070-11		60	D - Blue	G3/8" - M		
	25070-12				3/8" NPFS - F		
	25070-13				G3/8" - F		

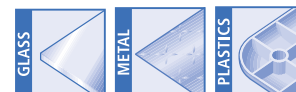
Please notice sizes 20 to 50 are without fittings, cup 25-70 will come with molded insert. Height for 25-70 include insert. Cups will be delivered in min. quantity as per pcs/box
For more information and dimensions please contact sales@flexyvacuumcups.com

5 Series Flexy Gripper Cups – Flat



Vacuum Cup Properties

Material	Color	Temp. Range	Shore Hardness
Polyurethane	Dark Blue/ Yellow	5°– 80°C	60° Shore A




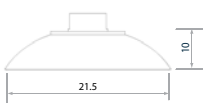

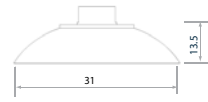

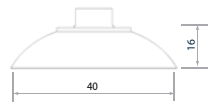

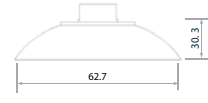

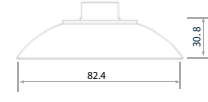

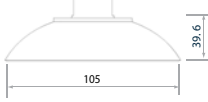

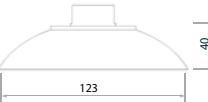
5 Series - Flexy Gripper Cups

- Our 5 Series “**Flexy Gripper**” you will find in the sizes from Ø 20 mm to Ø 120 mm .
- Normally our polyurethane vacuum cups will last 3-4 times longer than the cups made of rubber or other vulcanized materials. This means less “down time” but more “turn over” with increased productivity.
- Key characteristics are good resilience or flexibility, high tensile strength with high wear and tear resistance. Comparing to other famous brand names, our product quality is comparable or even better
- The 5 Series cups are specially designed to cope with both flat and a bit curved surfaces, particularly useful in the automotive and stamping industry. The internal cleats provide a good grip and the strengthened lip prolong the life of the cup considerably.



5 Series - Flexy Gripper Cups

Order Information

Picture	Article No.	Description	Hardness Shore A	Color	Insert / Fitting	Pcs. / Box	Dimension in mm
	05020-01	Flexy 5-20	40	T - Yellow	Without	50	
	05020-02		60	T - Blue			
	05030-01	Flexy 5-30	40	T - Yellow	Without	50	
	05030-02		60	T - Blue			
	05040-01	Flexy 5-40	40	T - Yellow	Without	30	
	05040-02		60	T - Blue			
	05060-01	Flexy 5-60	40	T - Yellow	G3/8" - M	20	
	05060-02				G3/8" - F		
	05060-03		60	T - Blue	G3/8" - M		
	05060-04				G3/8" - F		
	05080-01	Flexy 5-80	40	T - Yellow	G3/8" - M	16	
	05080-02				G3/8" - F		
	05080-03		60	T - Blue	G3/8" - M		
	05080-04				G3/8" - F		
	05100-01	Flexy 5-100	40	T - Yellow	G3/8" - M	10	
	05100-02				G3/8" - F		
	05100-03		60	T - Blue	G3/8" - M		
	05100-04				G3/8" - F		
	05120-01	Flexy 5-120	40	T - Yellow	G3/8" - M	8	
	05120-02				G3/8" - F		
	05120-03		60	T - Blue	G3/8" - M		
	05120-04				G3/8" - F		

Please notice sizes Ø20 to Ø40 are without fittings, cup Ø60 to Ø120 will come with molded insert.
Cups will be delivered in min. quantity as per pcs/box
For more information and dimensions please contact sales@flexyvacuumcups.com

Flexy Traction™ CombiFlex with Single and Dual Shore – 1.5 Bellows




Vacuum Cup Properties

Material	Color	Temp. Range	Shore Hardness
Polyurethane	Dark Blue/ Blue	5°– 80°C	30°/60° Shore A




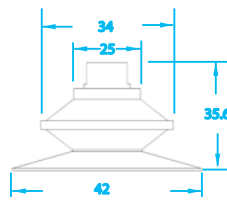

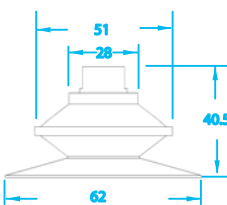

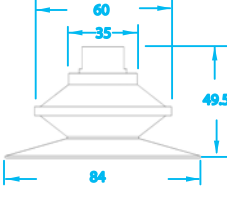

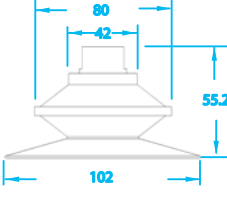
5 Series - Flexy Gripper Cups

- Our 20 Series “**Flexy Traction**” you will find in the sizes from Ø 40 mm to Ø 100 mm .
- Normally our polyurethane vacuum cups will last 3-4 times longer than the cups made of rubber or other vulcanized materials. This means less “down time” but more “turn over” with increased productivity.
- Key characteristics are good resilience or flexibility, high tensile strength with high wear and tear resistance. Comparing to other famous brand names, our product quality is comparable or even better
- The 20 Series cups are specially designed to cope with both flat and a bit curved surfaces, suitable applications are cardboards etc. The 60 shore is also useful in the stamping industry. The cleats under the lip also provide a good grip.



20 Series - Flexy Traction Cups

Order Information

Picture	Article No.	Description	Hardness Shore A	Color	Insert / Fitting	Pcs. / Box	Dimension in mm
	20040-01	Flexy 20-40	30/60	D/L - Blue	G3/8" - M - 1/8" NPSF - F	18	 * 10 mm Compressed
	20040-02				G3/8" - F		
	20040-03				3/8" NPSF - F		
	20040-04		60	D - Blue	G3/8" - M - 1/8" NPSF - F		
	20040-05				G3/8" - F		
	20040-06				3/8" NPSF - F		
	20040-07		30/60	D/L - Blue	G1/4" - M		
	20040-09		60	D - Blue			
	20060-01	Flexy 20-60	30/60	D/L - Blue	G3/8" - M - 1/8" NPSF - F	10	 * 11.5mm Compressed
	20060-02				G3/8" - F		
	20060-03				3/8" NPSF - F		
	20060-04		60	D - Blue	G3/8" - M - 1/8" NPSF - F		
	20060-05				G3/8" - F		
	20060-06				3/8" NPSF - F		
	20060-07		30/60	D/L - Blue	G1/4" - M		
	20060-09		60	D - Blue			
	20080-01	Flexy 20-80	30/60	D/L - Blue	G3/8" - M - 1/8" NPSF - F	8	 * 15mm Compressed
	20080-02				G3/8" - F		
	20080-03				3/8" NPSF - F		
	20080-04		60	D - Blue	G3/8" - M - 1/8" NPSF - F		
	20080-05				G3/8" - F		
	20080-06				3/8" NPSF - F		
	20080-07		30/60	D/L - Blue	G1/4" - M		
	20080-09		60	D - Blue			
	20100-01	Flexy 20-100	30/60	D/L - Blue	G3/8" - M - 1/8" NPSF - F	8	 * 18mm Compressed
	20100-02				G3/8" - F		
	20100-03				3/8" NPSF - F		
	20100-04		60	D - Blue	G3/8" - M - 1/8" NPSF - F		
	20100-05				G3/8" - F		
	20100-06				3/8" NPSF - F		
	20100-07		30/60	D/L - Blue	G1/4" - M		
	20100-09		60	D - Blue			

Please notice sizes Ø40 to Ø100 will come with molded insert.

Cups will be delivered in min. quantity as per pcs/box

For more information and dimensions please contact sales@flexyvacuumcups.com

Flexy Cups with Single Shore – 1.5 Bellows T - Yellow Line



Vacuum Cup Properties

Material	Color	Temp. Range	Shore Hardness
Polyurethane	Yellow	5°– 80°C	40° Shore A




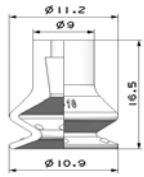

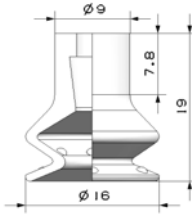

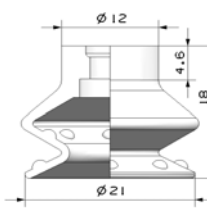

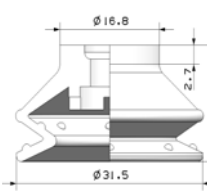

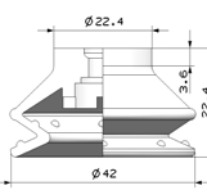

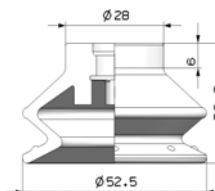
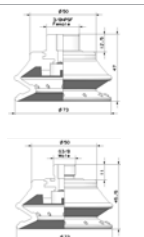
15 Series - Flexy Cups 1.5 Bellow T- Yellow Line

- Our 15 Series “**Flexy T - Yellow Line**” you will find in the sizes from Ø 10 mm to Ø 70 mm .
- Normally our polyurethane vacuum cups will last 3-4 times longer than the cups made of rubber or other vulcanized materials. This means less “down time” but more “turn over” with increased productivity.
- Key characteristics are good resilience or flexibility, high tensile strength with high wear and tear resistance. Comparing to other famous brand names, our product quality is comparable or even better
- The 1.5 T-yellow families is good in areas with slightly convex surfaces, compensates up to a certain degree for height differences and separation of thin materials.



15 Series - Flexy Cups 1.5 Bellow T - Yellow Line

Order Information

Picture	Article No.	Description	Hardness Shore A	Color	Insert / Fitting	Pcs. / Box	Dimension in mm
	15010-08	Flexy 15-10	40	T - Yellow	Without	50	
	15015-08	Flexy 15-15	40	T - Yellow	Without	50	
	15020-08	Flexy 15-20	40	T - Yellow	Without	50	
	15030-08	Flexy 15-30	40	T - Yellow	Without	50	
	15040-08	Flexy 15-40	40	T - Yellow	Without	30	
	15050-08	Flexy 15-50	40	T - Yellow		18	
	20100-06	Flexy 15-70	40	T - Yellow	G3/8" - M	8	
	20100-07				3/8" NPTF - F		
	20100-09				G3/8" - F		

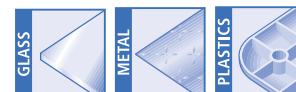
Please notice sizes Ø10 to Ø50 are without fittings, 15-70 will come with molded insert.
Cups will be delivered in min. quantity as per pcs/box
For more information and dimensions please contact sales@flexyvacuumcups.com

10 Series Flexy Flat Cups




Vacuum Cup Properties

Material	Color	Temp. Range	Shore Hardness
Polyurethane	Dark Blue / Blue, Yellow	5°– 80°C	40° / 60° Shore




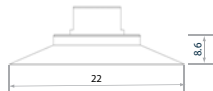

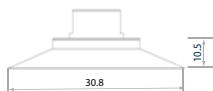





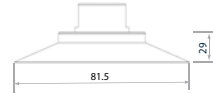
Flexy Flat Cups

- Our 10 Series you will find in the sizes from Ø 20 mm to Ø 80 mm, , standard hardness 40 shore A and 60 shore A. Size Ø 60 and Ø 80 standard hardness 40 shore..
- Normally our polyurethane vacuum cups will last 3-4 times longer than the cups made of rubber or other vulcanized materials. This means less "down time" but more "turn over" with increased productivity.
- The 10 series cups are specially designed to cope with flat surfaces, particularly useful in Cardboard, packaging materials , plastic sheets etc. Plastic Sheets, Metal Sheets.



Flexy Flat Cups

Order Information

Picture	Ariticle No.	Description	Hardness Shore A	Color	Insert / Fitting	Pcs. / Box	Dimension in mm
	10020-01	Flexy 10-20	40	T - Yellow	Without	50	
	10020-02		60	T - Blue			
	10030-01	Flexy 10-30	40	T - Yellow	Without	50	
	10030-02		60	T - Blue			
	10040-01	Flexy 10-40	40	T - Yellow	Without	30	
	10040-02		60	T - Blue			
	10060-01	Flexy 10-60	40	T - Yellow	G3/8" - M	20	
	10060-02				G3/8" - F		
	10060-03		30/60	D/L - Blue	G3/8" - M		
	10060-04				G3/8" - F		
	10060-06		40	T - Yellow	G1/4" - F		
	10060-08		30/60	D/L - Blue			
	10080-01	Flexy 10-80	40	T - Yellow	G3/8" - M	18	
	10080-02				G3/8" - F		
	10080-03		30/60	D/L - Blue	G3/8" - M		
	10080-04				G3/8" - F		
	10080-06		40	T - Yellow	G1/4" - F		
	10080-08		30/60	D/L - Blue			

Please notice sizes Ø 20 to Ø 40 are without fittings, cup Ø 60 to Ø 80 will come with molded insert.
Cups will be delivered in min. quantity as per pcs/box
For more information and dimensions please contact sales@flexyvacuumcups.com

Flexy Picker™ CombiFlex with Large Lip – 2.5 Bellows

NEW!

25 Series



COMBiFlex

Vacuum Cup Properties

Material	Color	Temp. Range	Shore Hardness
Polyurethane	Yellow / Blue	5°–50°C	30° / 55°Shore

Order nipples separately.



New Combi Flex Vacuum Cups

- The two hardness cup 30/55 shore has a bellow in 55 shore and a lip in 30 shore, which makes the cup stable and durable with excellent sealing properties.
- "CombiFlex" material is developed to meet all the characteristics that is required for a high performance vacuum cup.
- Normally our polyurethane vacuum cups will last 3-4 times longer than the cups made of rubber or other vulcanized or polymerized materials. This means less "down time" but more "turn over" with increased productivity.
- Flexible sealing surface with a lighter blue 30° shore.
- Good resilience or flexibility, high tensile strength with high wear and tear resistance.
- Able to keep a much more competitive price.



Pouch or bag packaging application



Flexy Standard Cups 1.5 Bellows Family

Order Information

Picture	Article No.	Description	Hardness Shore A	Color	Insert / Fitting	Pcs. / Box	Dimension in mm
	25025-01P	Flexy 25-25P	30/55	L- Blue/ T - Yellow	Without	50	
	25025-06P		55	T - Green			
	25035-01P	Flexy 25-35P	30/55	L- Blue/ T - Yellow	Without	30	
	25035-06P		55	T - Green			
	25045-01P	Flexy 25-45P	30/55	L- Blue/ T - Yellow	Without	18	
	25045-06P		55	T - Green			
	25055-01P	Flexy 25-55P	30/55	L- Blue/ T - Yellow	Without	10	
	25055-06P		55	T - Green			

Please notice sizes 25 to 55 are without fittings.
Cups will be delivered in min. quantity as per pcs/box
For more information and dimensions please contact sales@flexyvacuumcups.com

Flexy Vacuum Cups – 2.5 Bellows - Thin Lip




Vacuum Cup Properties

Material	Color	Temp. Range	Shore Hardness
Polyurethane	Dark Blue / Blue	5° – 80°C	30° / 55° Shore




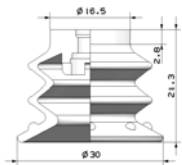
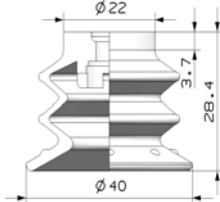
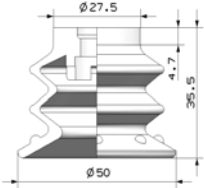
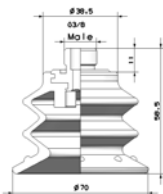
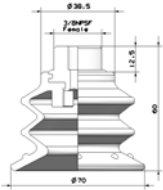
2.5 Bellow Vacuum Cups with Thin Lip

- Our 1.5 family you will find in the sizes from Ø 30 mm to Ø 70 mm .
- Our CombiFlex cups you will find in standard hardness 30/60 shore A and 60 shore A. The two hardness cup 30/60 shore has a bellow in 60 shore and a lip in 30 shore, which makes the cup stable and durable with excellent sealing properties.
- Our **"CombiFlex"** material is **developed** to meet all the characteristics that is required for a high performance vacuum cup. Normally our polyurethane vacuum cups will last 3-4 times longer than the cups made of rubber or other vulcanized or polymerized materials. This means less "down time" but more "turn over" with increased productivity. Their key characteristics are good resilience or flexibility, high tensile strength with high wear and tear resistance. Comparing to other famous brand names, our product quality is comparable or even better. In general we are also able to keep a much more competitive price.
- The 2.5 family is good for use on specially curved and uneven surfaces. The double bellows suction cup is very good at compensating for a degree of difference in level and curvatures of a work piece.



Flexy Vacm Cups 2.5 Bellows Family

Order Information

Picture	Article No.	Description	Hardness Shore A	Color	Insert / Fitting	Pcs. / Box	Dimension in mm
	25030-01T	Flexy 25-30T	60	T - Blue	Without	50	
	25030-06T						
	25040-01T	Flexy 25-40T	30/60	D/L - Blue	Without	30	
	25040-06T		60	D - Blue			
	25050-01T	Flexy 25-50T	30/60	D/L - Blue	Without	18	
	25050-06T		60	D - Blue			
	25070-01T	Flexy 25-70T	30/55	L/T - Blue	G3/8 - M	10	
	25070-02T				3/8 NPSF - F		
	25070-03T				G3/8 - F		
	25070-11T		55	T - Blue	G3/8 - M		
	25070-12T				3/8 NPSF - F		
	25070-13T				G3/8 - F		

Please notice sizes 30 to 50 are without fittings, cup 25-70 will come with molded insert. Height for 25-70 include insert. Cups will be delivered in min. quantity as per pcs/box
For more information and dimensions please contact sales@flexyvacuumcups.com

Flexy Friction Cups

30 Series


COMBiFlex

Vacuum Cup Properties

Material	Color	Temp. Range	Shore Hardness
Polyurethane	Dark Blue/ Yellow	5° – 80°C	55° / 60° Shore



Flexy Friction Cups

- Our 30 family you will find in the sizes Ø 80 mm .
- Our CombiFlex cups you will find in standard hardness 55/60 shore A and 60 shore A. The two hardness cup 55/60 shore has a bellow in 60 shore and a friction in 55 shore, which makes the cup stable and durable with excellent friction properties.



Flexy Friction Cups

Order Information

Picture	Article No.	Description	Hardness Shore A	Color	Insert / Fitting	Pcs. / Box	Dimension in mm
	30080-01	Flexy 30-80	55/60	Yellow/ T - Blue	G3/8" - M	8	
	30080-02				G3/8" - F		
	30080-03		60	T - Blue	G3/8" - M		
	30080-04				G3/8" - F		

Please notice all size cup will come with molded insert.
include insert. Cups will be delivered in min. quantity as per pcs/box
For more information and dimensions please contact sales@flexyvacuumcups.com

Spring Leveler



Spring Leveler Properties

Material	Color	Temp. Range
Steel	Silver	5° - 80°C




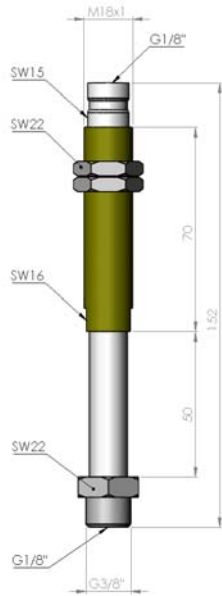
Spring Leveler

- Our spring leveler you will find in the stroke from 25 mm to 75 mm .
- Our spring leveler for handling of workpieces with difference height and prevent easily damaged workpieces.



Spring Leveler

Order Information

Picture	Article No.	Description	Color	Dimension in mm
	LIA3850	Spring Leveler G3/8" stroke 50 mm	Silver	

For more information and dimensions please contact sales@flexyvacuumcups.com

