



## On-site inflatable protective packaging solution

### Save warehouse space

The packing film is easy to store and transport before inflation. Compared with traditional cushioning and filling materials, it can reduce the volume occupied by 99.5%.

### Efficient packing

The soft, high impact air cushion eliminates the impact from all aspects of transportation and provides optimal cushioning protection.

### Perfect Protection

The air firmly locked in the high-strength and tough film is excellent in cushioning when dealing with impact during transportation.

### Reduce Logistics Costs

Ultra-light air bags reduce package weight and reduce logistics costs.

### Excellent user unboxing experience

Clean and debris-free packaging, set off with reliable, high-quality items in the box, greatly enhance the company's image.



## On-site inflatable protective packaging

With core patented technologies, we provide a stable and reliable on-site inflatable bag.

### Features and advantages

- **The SEAL is wrinkle free**

Unique edge-sealing technology (core patent), neat, firm, and higher fault tolerance, yield improvement of 99.9% or more, reducing the waste of air cushion film.

- **The air volume is enough**

Thanks to the dynamic tension control technology (core patent), air cushion has more sufficient and uniform air volume, and the film per unit area brings larger filling volume and saves cost.

- **Stability**

Millions of hours of various working conditions verify that the our product is stable and reliable, providing an abundant cushion for uninterrupted shipping tasks.

- **Easy to use**

Anti-foolish design and locking function can effectively prevent misoperation, unique environment temperature automatic compensation and steady-state calibration function, simplify user operation and ensure quality consistency.

- **Multi-specification support**

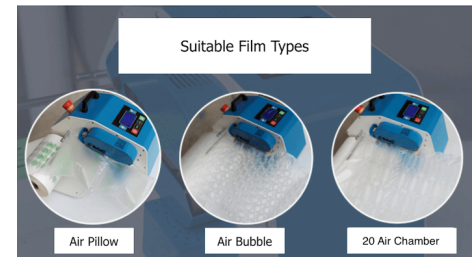
Suitable for air pillow, air bubble, air column bag and special-shaped bag.

- **High speed**

Produces air cushion packaging products up to 30 meters per minute.

### Applications

- Third party logistics packaging
- E-commerce packaging
- Cosmetics packaging
- Auto parts distribution
- Toys and crafts
- Electronic product packaging
- Food or fruit box filling
- Drug packaging



### Air Cushion Machine

The most popular all-in-one on-demand air cushion machine, compact, portable, and very easy to operate, efficient and trouble-free production of Air Pillow / 4 Row Air Column / 20 Air Chamber / Air Bubble / Air Waves / Air Beehive / Air Bubble Bag, recommended for e-commerce and logistics service providers.

### Air Column Machine

The latest all-in-one air cushion machine, including the production of Air Column Roll / Air Column Bag / U-shaped bag / L-shaped bag / Q-shaped bag, suitable for a variety of product protection.



#T30



#C10E



#018N



#H035



#H045



#Q15 (Q bag)

## High-strength, puncture-resistant, eco-friendly air cushions provide worry-free protection for your products.

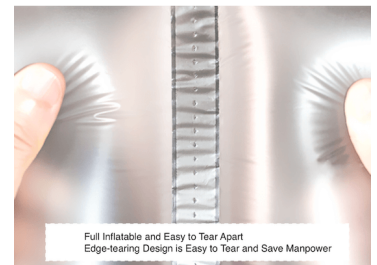
The air cushion is a specific material formulation. The principle is that when the film is squeezed, it absorbs the instantaneous impact energy by generating nearly 16 times deformation, greatly reducing the burst probability, and can maintain excellent buffering performance in multiple impacts.

HDPE / LDPE+15%PA (PA=nylon) / PBAT+PLA (Biodegradable) air cushion film crystal clear, simple and beautiful LOGO printing, enhance the packaging image and user unboxing experience; and HDPE air cushion film high strength, can be very thin and bring cost savings.



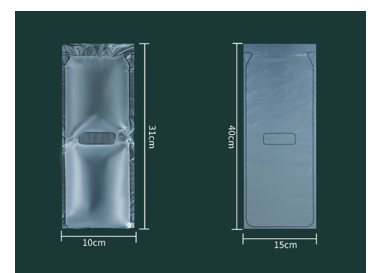
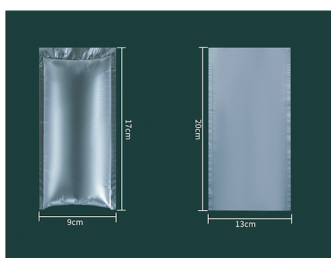
### Features and advantages

- Excellent anti-burst characteristics, dealing with multiple impacts
- Excellent tensile strength and toughness
- RoHS compliant
- Customizable print patterns and sizes
- Coiling large-capacity air cushion film can reduce the frequency of feeding and save man-hours
- Extra long and easy to tear, easy to use



### Air Pillow / Double Air Pillow

- Mainly used for filling protective packaging, greatly improve packaging efficiency
- Coiling large capacity air cushion film can reduce feeding frequency and save man-hour
- Extra long and easy to tear, making it easier to disconnect any air pillow
- Self-releasing tension design, more air volume



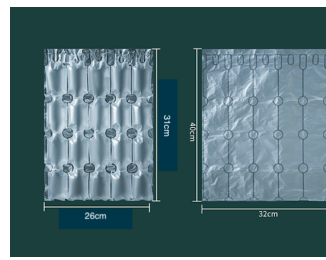
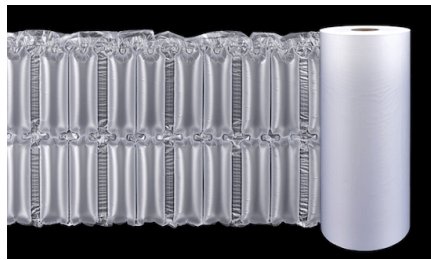
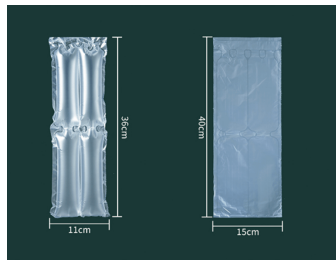
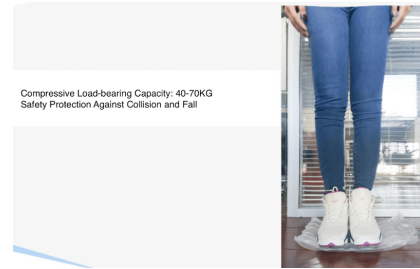
#Air Pillow

#Double Air Pillow



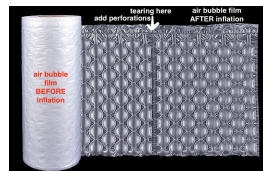
## 4 Row Air Column / 20 Air Chamber

- Mainly used for protecting packaging of inner side and bottom of box, with high efficiency and impact resistance
- Replacing air valve type air column roll, the cost advantage is obvious



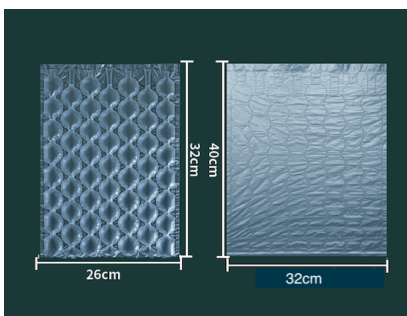
#4 Row Air Column

#20 Air Chamber

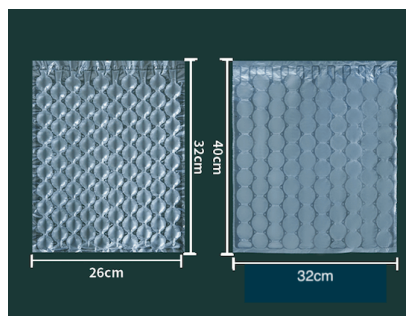


## Air Bubble (Big / Middle / Small) Small Air Waves / Air Beehive

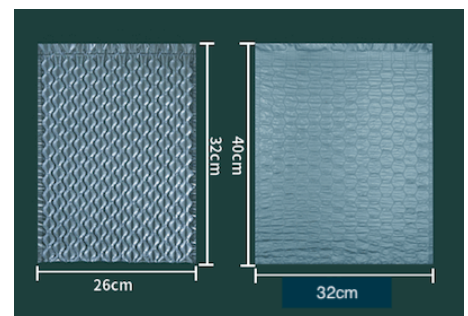
- Mainly used for wrapping, protective packaging, absorbing impact of all directions
- Simulating and optimizing the shape of air nozzle and bubbles to make the air volume more abundant and more uniform



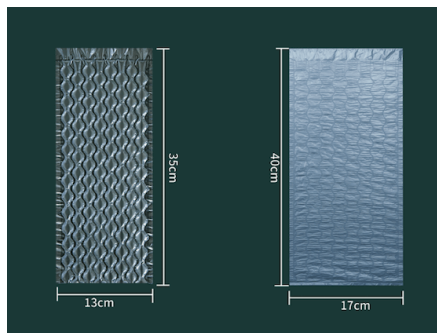
#Big Air Bubble  
Bubble Diameter=4cm



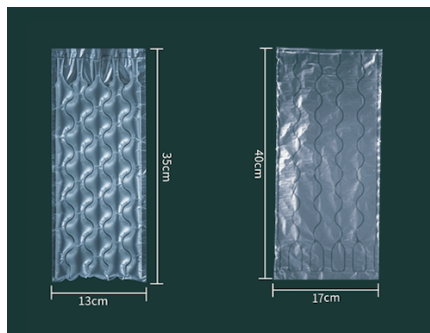
#Middle Air Bubble  
Bubble Diameter=3cm



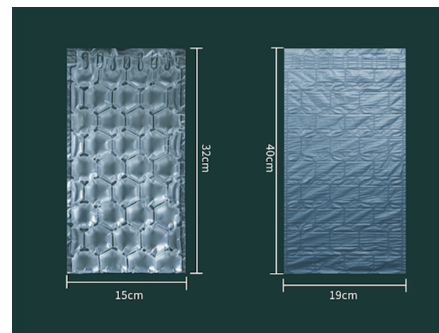
#Small Air Bubble  
Bubble Diameter=2cm



#Nylon Film



#Small Air Waves

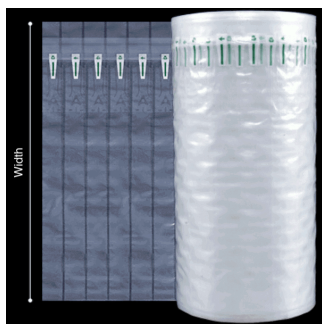


#Air Beehive

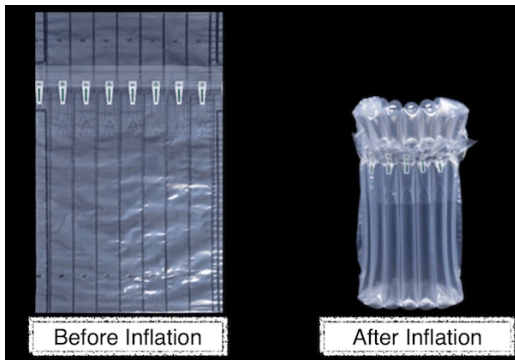
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## Air Column Roll

- Mainly used for wrapping, protective packaging, absorbing impact of all directions
- With air valve

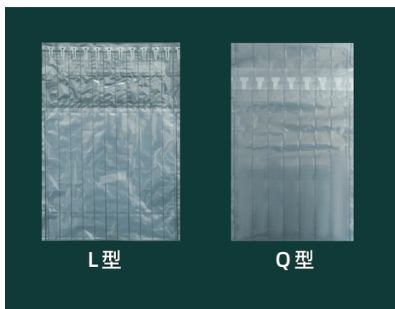


#Air Column Roll (with air valve)

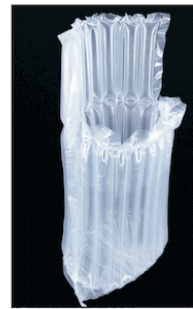


## **Air Column Bag / Bag-in-bag Air Bag Packing / Air Bubble Bag**

- Specific design for fragile products' protective packaging, absorbing impact of all directions



Q-shaped air column bag

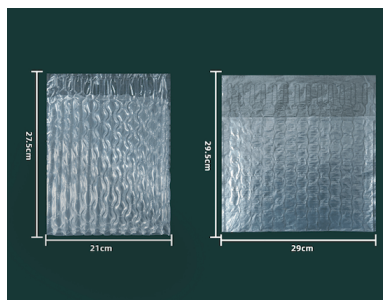
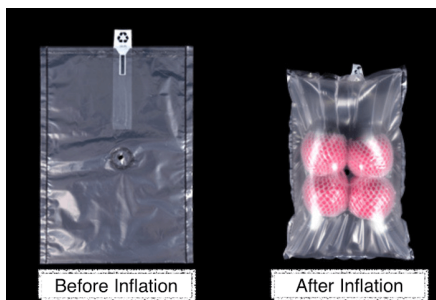


L-shaped air column bag



U-shaped air column bag

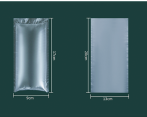
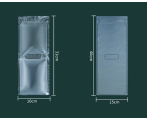
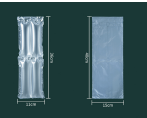
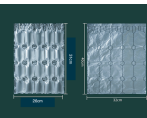
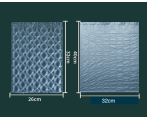
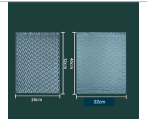
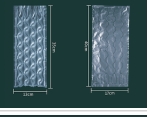
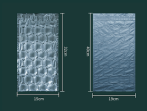
## **#Air Column Bag**



## **#Bag-in-bag Air Bag Packing**

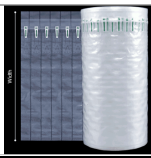



## **#Air Bubble Bag**

## Material Selection -1

Series	Photo	Packaging	Material	Thickness (T, um)	Width (W) * Length (L)	Print (P)
Air Pillow		Roll	HDPE	20 / 18 / 15	20x10 / 20x13 / 20x15 / 20x20	L: Standard C: Customized
			PBAT+PLA (Biodegradable)	25 / 20 / 18	20x10 / 20x13 / 20x15 / 20x20	
Double Air Pillow		Roll	HDPE	20	40x15	
4 Row Air Column		Roll	HDPE	20 / 18 / 15	40x15	
			PBAT+PLA (Biodegradable)	25 / 20 / 18	40x15	
20 Air Chamber		Roll	HDPE	20 / 18 / 15	40x32	
			PBAT+PLA (Biodegradable)	25 / 20 / 18	40x32	
Big Air Bubble		Roll	HDPE	20 / 18 / 15	40x28 / 40x32 / 60x40	
			PBAT+PLA (Biodegradable)	25 / 20 / 18	40x28 / 40x32 / 60x40	
			LDPE+15%PA (PA=nylon)	30 / 20	40x32 / 60x40 / 80x32	
Small Air Bubble		Roll	HDPE	20	40x32	
Small Air Waves		Roll	HDPE	25	40x17	
Air Beehive		Roll	HDPE	20	40x19	

For air bubble film, the diameter for BIG bubble is 4cm, MIDDLE bubble is 3cm, SMALL bubble is 2cm, please choose the bubble diameter you need.

## Material Selection -2

Series	Photo	Packing	Material (M)	Thickness (T, um)	Width (W)	Length (L)	Height (H)
Air Column Roll (with air valve)		Roll	LDPE+ 15%PA	55 / 45 / Cx	15 / 20 / 25 / 30 / 35 / 40 / 45 / 50 / 55 / Cx	/	/
Air Column Bag		Roll / Piece	LDPE+ 15%PA	60 / 70	Cx	Cx	Cx
Bag-in-bag Air Bag Packing		Roll / Piece	LDPE+ 15%PA	55	Cx	Cx	Cx
Air Bubble Bag		Roll	HDPE	20	Cx	Cx	Cx

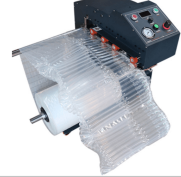
Cx: Customized Parameters



## Machine Selection -1

Model	#BY-001 (T30)	#BY-002 (C10E)	#BY-003 (018N)	#BY-004 (H035)	H045	H045PLUS- X
Photo						
Size (mm)	L300*W275* H155	L400*W360* H280	L400*W170* H290	L400*W165* H310	L380*W355* H381	L416*W355* H361
Voltage (VAC)	110 / 220	110 / 220	110 / 220	110 / 220	110 / 220	110 / 220
Power (W)	144	200	320	450	450	450
Machine Net Weight (KG)	3.5	5.2	11.6	16.5	17.1	19
Air Source	Internal	Internal	Internal	Internal	Internal	External air compressor
Maximum Inflation Speed (meters/min)	10	12	18	30	25	25
Suitable Film Type	Air Pillow / 4 Row Air Column / 20 Air Chamber / air Bubble	Air Pillow / 4 Row Air Column / 20 Air Chamber / air Bubble	Air Pillow / 4 Row Air Column / 20 Air Chamber / air Bubble / Air Waves / Air Beehive / Air Bubble Bag	Air Pillow / 4 Row Air Column / 20 Air Chamber / air Bubble / Air Waves / Air Beehive / Air Bubble Bag	Film with HDPE material  Air Pillow / 4 Row Air Column / 20 Air Chamber / air Bubble / Air Waves / Air Beehive / Air Bubble Bag	Film with LDPE +15%PA (PA=Nylon) material and WITHOUT AIR VALVES  Air Bubble Film / Air Column Roll / Shoes Shapers Film
Optional Accessories	/	/	/	/	/	/

## Machine Selection -2

Model	#Q15	#Q020	#Q021
Photo			
Size (mm)	L730*W300*H290	L600*W330*H330	L730*W730*H780
Voltage (VAC)	110 / 220	86~264V, 50/60Hz	110 / 220
Power (W)	320	320	450
Machine Net Weight (KG)	22	43	51
Air Source	External air compressor	External air compressor	External air compressor
Maximum Inflation Speed (meters/min)	15	20	20
Suitable Film Type	<p>Film with LDPE +15%PA (PA=Nylon) material and WITH AIR VALVES</p> <p>Air Column Roll / Air Bubble Roll / Air Column Bag / U-shaped bag / L-shaped bag / Q-shaped bag</p>	<p>Film with LDPE +15%PA (PA=Nylon) material and WITH AIR VALVES</p> <p>Air Column Roll / Air Bubble Roll / Air Column Bag / U-shaped bag / L-shaped bag</p>	<p>Film with LDPE +15%PA (PA=Nylon) material and WITH AIR VALVES</p> <p>Air Column Roll / Air Bubble Roll / Air Column Bag / U-shaped bag / L-shaped bag / Q-shaped bag</p>
Optional Accessories	/	/	/

We committed to innovative research on protective packaging equipment, materials and services, with rich practical experience and industry-leading research results, several patents, providing customers with comprehensive services.

Air cushion as our air protective packaging product series, we always provide our customers with the best overall value solution.