



Bag Sealing Tape

Selection Guide

Preface

During the early 1980's, when Taiwan was evolving into a modern industrial powerhouse, an innovative young team took up the challenge to develop a new approach to bag sealing. In 1983 they successfully launched what becomes one of the most comprehensive, flexible and reliable ranges of bag sealing tapes the world has ever seen.

Seal King's innovative range of closure tapes, revolting the soft packaging industry, producers of clothing, stationary, CD and software packaging, benefited enormously in output terms as a result of adopting this ingenious tape system. Over 25 years later Seal King continues to innovate its way to the top of the technical tape manufacturer's league table with its ever evolving range of solutions!

From its 70 acre production facilities at various locations in Asia, the Seal King network exports its high quality solutions throughout the world. As we face increasing competition, higher raw material costs and currency fluctuations, we still remain steadfast in our total approach to quality and reliability. Seal King, a company never sees adverse conditions as a problem, regards difficulty as a challenge to be overcome with the same spirit that its founder has always lived by.

This positive approach to global challenges is strongly evident in the new and vibrant management team who will inherit, lead and strengthen Seal King for the long term future.

Seal King looks forward to the future with strength, confidence and a capacity to continuously meet the ever-changing demands of its customers and the market.

Seal King-the ultimate partner in quality adhesive solutions.

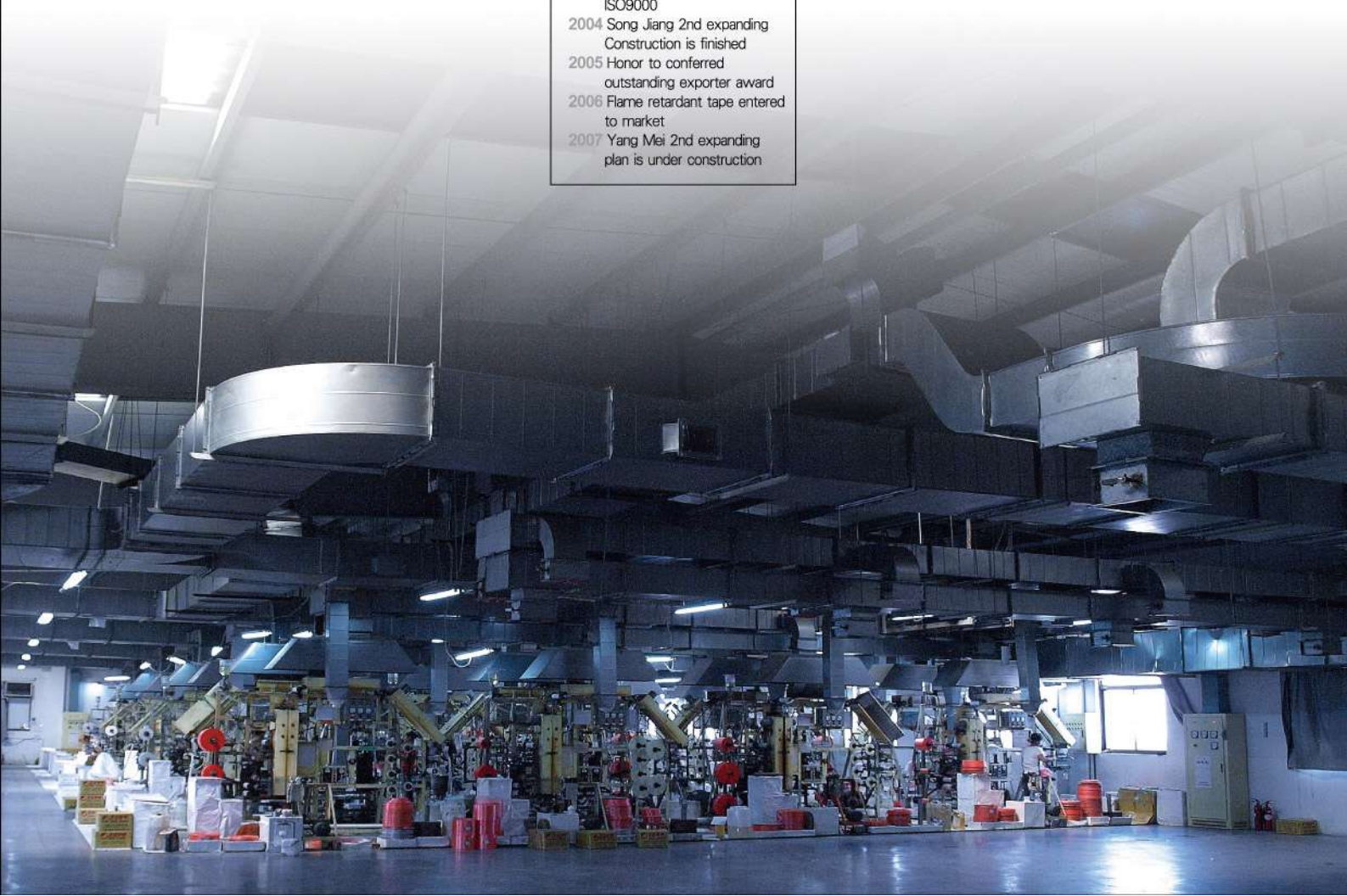




History

- 1982 Shihin Enterprise Was founded
- 1983 The first bag sealing tape was developed
- 1985 Seal King Industry was established
- 1986 Special double coated tape was in Mass production
- 1990 Thailand plant investment
- 1991 Malaysia plant investment
- 1992 -Korea investment
- ESTAPE invented
- 1993 ESTAPE was awarded for invention
- 1998 Awarded excellent Taiwan enterprise in China
- 1999 Song Jiang factory Started running
- 2000 Security tape entered into production
- 2001 Electronics tape got UL certificate
- 2002 ISO 2000 was issued
- 2003 Song Jiang plant got ISO9000
- 2004 Song Jiang 2nd expanding Construction is finished
- 2005 Honor to conferred outstanding exporter award
- 2006 Flame retardant tape entered to market
- 2007 Yang Mei 2nd expanding plan is under construction

Stay is falling Behind....



Why Seal King?

Seal King revolutionized traditional methods of bag sealing production, transforming the generic Industrial standard for bag sealing around the world.

Quality

Following ISO9000 management spirit, Seal King puts emphasis on every tiny detail to excellence. Stable and reliable quality is always treated as a must which Seal King has always been endeavoring to accomplish.



Innovation

Inherited from our founders, innovation is the key factor driving our R&D team releasing new projects to fulfill with various needs from worldwide customers.



- ➔ Light release design, good for seal and peel, effectively reduces operational noise, keeping operators away from risks of wrist injuries



- ⬆ The adhesive is absolutely stable and further guarantees contents away from damage as a result of yellowing.

- ➔ Full range of product size fulfills most requirements of different applications.



Yellowing

Wrong sealing tape is the main causes which may yellow your clothes.

It not only degrades your brand value but also suffer money loss in the event of this yellowing damage. Seal King's special glue system will lead you away from this issue and help you build up your own reputation.

Diversification

Seal King has the most complete range of high quality BST tapes in case of different enquires from various applicants.

Customers priority

With 30 years experience, customer is always our top priority. Hence, we execute just-in-time delivery program, 2-week trouble Shooting process, overall supervising quality control and ISO management in the way to satisfy more customers.

- ➔ BR-15740, anti-static light release version, saves big times, promoting working efficiency



Light Release

BR-15700

Light Releaser

With the specially designed light release liner and excellent adhesive bonding performance, BR-157XX series not only helps keeping operators away from risks of wrist injuries, but also acts as an ideal solution for sealing OPP, PP, LDPE, HDPE bags.

Total Thickness	A side: 0.012mm ~ 0.015mm B side: 0.035mm ~ 0.040mm		
Holding Power (A/B Side) (PSTC-7)	> 10 min / > 3 min 0.5kg/0.625cm x 2.5cm 0.5kg/0.35cm x 2.5cm		
Adhesion (A Side) / PE film (PSTC-1)	50 ~ 70 g/0.625cm	1.76 ~ 2.47 OZ/0.25in	0.49 ~ 0.68 N/0.625cm
Adhesion (B Side) / PE film (PSTC-1)	50 ~ 80 g/0.35cm	1.76 ~ 2.82 OZ/0.14in	0.49 ~ 0.78 N/0.35cm
Adhesion (A Side) / OPP film (PSTC-1)	80 ~ 110 g/0.625cm	2.82 ~ 3.88 OZ/0.25in	0.78 ~ 1.07 N/0.625cm
Adhesion (B Side) / OPP film (PSTC-1)	65 ~ 90 g/0.35cm	2.29 ~ 3.17 OZ/0.14in	0.63 ~ 0.88 N/0.35cm
Release Force	15 ~ 20 g/1.5cm	0.53 ~ 0.71 OZ/0.59in	0.15 ~ 0.20 N/1.5cm
Anti Static	< 10 ¹² Ω/		



Due to the very Smooth and delicate handfeel liner, it saves lots of working hours and adds more functions upon bags than just a sealing medium.

Because of specially coated liner surpassing normal bag melting point, this modified BST can be easily applied on both PP and PE material. Customers can only do one stop shopping with dual bag-sealing applications.

➡ BR-15740, stationary use purpose, makes package even more delicate and elaborate

➡ Quality has been widely recognized by globally well-known ready to wear companies



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Release Force	15 ~ 20 g/1.5cm	0.53 ~ 0.71 OZ/0.59in	0.15 ~ 0.20 N/1.5cm
Anti Static	< 10 ¹² Ω/		

BR-15740

Static Protector

Not just a successor of BR-15700, BR-15740 is rather an innovative outcome of value-added functions. Incorporating all the BR-15700 good advantages, BR-15740 moves one step ahead by developing the anti-static function.

With the parallel Anti-Static printing on the liner, it can easily conduct out the excess static electricity and has a great performance in using. Suitable for sealing OPP, PP, PE and Bags.

➡ Luxury food present package with secure seal for hygiene



Standard



BR-15100

Sealing Tape Innovator

As always an evergreen hot selling product, BR-15100 has witnessed the prosperous bag sealing tape era since it was the initiator of Bag Sealing Tape in Taiwan industry history. With more than 240,000 cartons output per year, BR-15100 is the most reputable standard Bag Sealing tape always appointed by experienced regular customers for OPP bags.

➡ Standard series, with reliable stability, has been one of the main products for promoting.



Except for the ultra-aggressive adhesive on bonding surface of a variety of plastic bags, the most outstanding characteristic is its reliability.

Fine performance results from special glue system so content yellowing is no way to be happened with Seal King Product. Suitable for sealing OPP and PP Bags.

Total Thickness	A side: 0.012mm ~ 0.015mm B side: 0.035mm ~ 0.040mm		
Holding Power (A/B Side) (PSTC-7)	> 10 min / > 3 min 0.5kg/0.625cm x 2.5cm 0.5kg/0.35cm x 2.5cm		
Adhesion (A Side) / PE film (PSTC-1)	60 ~ 80 g/0.625cm	2.12 ~ 2.82 OZ/0.25in	0.59 ~ 0.78 N/0.625cm
Adhesion (B Side) / PE film (PSTC-1)	35 ~ 50 g/0.35cm	1.23 ~ 1.76 OZ/0.14in	0.34 ~ 0.48 N/0.35cm
Adhesion (A Side) / OPP film (PSTC-1)	90 ~ 120 g/0.625cm	3.17 ~ 4.23 OZ/0.25in	0.88 ~ 1.17 N/0.625cm
Adhesion (B Side) / OPP film (PSTC-1)	50 ~ 70 g/0.35cm	1.76 ~ 2.46 OZ/0.14in	0.48 ~ 0.68 N/0.35cm

BR-15500

Reliable Coater

BR-15500, composed of OPP film and acrylic based PSA, is characterized by Light, transparent and good tensile strength. With cutting-edge coating technology and strictly-selected OPP raw material, Seal King OPP BST has gained Its reputation for reliable quality. Unlike many other unstable competitors,

BR-15500 will never face problems like adhesive transfer when peeling off the liner.

As renowned for its

reliability and stability in the comprehensive application of automatic packing machines for sealing PE bag, BR-15500 has become a leading product apart from other brands, presenting a great visibility in both domestic and overseas selling. Suitable for sealing LDPE and HDPE Bags.



➡ Seal King, controlling critical technique, up to now, is still one of the few capable OPP manufacturers.

Total Thickness	A side: 0.012mm ~ 0.015mm B side: 0.030mm ~ 0.035mm		
Holding Power (A/B Side) (PSTC-7)	> 10 min / > 3 min 0.5kg/0.625cm x 2.5cm 0.5kg/0.35cm x 2.5cm		
Adhesion (A Side) / PE film (PSTC-1)	55 ~ 80 g/0.625cm	1.94 ~ 2.82 OZ/0.25in	0.54 ~ 0.78 N/0.625cm
Adhesion (B Side) / PE film (PSTC-1)	10 ~ 20 g/0.35cm	0.35 ~ 0.71 OZ/0.14in	0.10 ~ 0.20 N/0.35cm
Adhesion (A Side) / OPP film (PSTC-1)	65 ~ 100 g/0.625cm	2.29 ~ 3.527 OZ/0.25in	0.63 ~ 0.976 N/0.625cm
Adhesion (B Side) / OPP film (PSTC-1)	40 ~ 60 g/0.35cm	1.41 ~ 2.12 OZ/0.14in	0.39 ~ 0.59 N/0.35cm

C series



BRC-15C00

Cost Saver

For the concerns of energy costs on the rise and in order to meet customer's cost-effective goals, Seal King launches the economic c series as correspondent. With the totally updated economical liner, exactly the same function as standard sealing tapes series, it successfully saves cost for users without any performance effected.

← Sealing Tape C series, cost saving as a result of manufacturing procedure improving, takes the optimal balance between quality and efficiency.

With the special formula liner, Economic C series is more lighter, delicate and cost-saving, surely providing market segment promotion in different nations around the world. Suitable for sealing OPP and PP Bags.

Total Thickness	A side: 0.012mm ~ 0.015mm B side: 0.025mm ~ 0.030mm		
Holding Power (A/B Side) (PSTC-7)	> 10 min 0.5kg/0.625cm x 2.5cm	/ 0.5kg/0.35cm x 2.5cm	> 3 min
Adhesion (A Side) / PE film (PSTC-1)	60 ~ 80 g/0.625cm	2.12 ~ 2.82 OZ/0.25in	0.59 ~ 0.78 N/0.625cm
Adhesion (B Side) / PE film (PSTC-1)	30 ~ 45 g/0.35cm	1.05 ~ 1.58 OZ/0.14in	0.29 ~ 0.43 N/0.35cm
Adhesion (A Side) / OPP film (PSTC-1)	90 ~ 120 g/0.625cm	3.17 ~ 4.23 OZ/0.25in	0.88 ~ 1.17 N/0.625cm
Adhesion (B Side) / OPP film (PSTC-1)	40 ~ 60 g/0.35cm	1.41 ~ 2.11 OZ/0.14in	0.39 ~ 0.58 N/0.35cm



→ Seal King C series is absolutely your best partner for normal package.



BRC-15h00

Eco-friendly Contributor

Embossing is a technique for altering the surface of a liner or film by adding sculptural and dimensional qualities. It brings in a sense of beautiful image for ultimate user to appreciate.

With the world leading Embossing technology, Seal King is proud for both its mass production ability and revolutionary pattern on the liner. The other advantage is purely for environment protection concerns.

← C series Illustration

Total Thickness	A side: 0.012mm ~ 0.015mm B side: 0.020mm ~ 0.025mm		
Holding Power (A/B Side) (PSTC-7)	> 10 min 0.5kg/0.625cm x 2.5cm	/ 0.5kg/0.35cm x 2.5cm	> 3 min
Adhesion (A Side) / PE film (PSTC-1)	35 ~ 45 g/0.625cm	1.23 ~ 1.59 OZ/0.25in	0.34 ~ 0.44 N/0.625cm
Adhesion (B Side) / PE film (PSTC-1)	55 ~ 85 g/0.35cm	1.94 ~ 3.0 OZ/0.14in	0.54 ~ 0.83 N/0.35cm
Adhesion (A Side) / OPP film (PSTC-1)	70 ~ 95 g/0.625cm	2.47 ~ 3.35 OZ/0.25in	0.68 ~ 0.93 N/0.625cm
Adhesion (B Side) / OPP film (PSTC-1)	90 ~ 105 g/0.35cm	3.17 ~ 3.70 OZ/0.14in	0.88 ~ 1.02 N/0.35cm

With the Embossing technique, the lesser usage of release agent in producing process may absolutely not only meet customer's cost-saving objective but also reduce the chemical pollution. Suitable for sealing OPP and PP Bags.

→ C series application Illustration



Permanent

BP-15400

Security guarder

Silicone Coated Embossed Polypropylene Film and destroyable sealing adhesive tape is suitable for sealing PE material bag with different thickness, such as secret bags, money bags, carrier bags, confidential bags and other plastic packing bags in need of security care.

Total Thickness	A side: 0.027mm ~ 0.033mm B side: 0.105mm ~ 0.115mm		
Holding Power (A/B Side) (PSTC-7)	> 2 hrs / > 30 min 0.5kg/1.5cm x 2.5cm / 0.5kg/0.75cm x 2.5cm		
Adhesion (A Side) (PSTC-1)	400 ~ 700 g/1.5cm	14.11 ~ 24.69 OZ/0.6in	3.90 ~ 6.83 N/1.5cm
Adhesion (B Side) (PSTC-1)	800 ~ 1200 g/0.75cm	28.22 ~ 42.32 OZ/0.3in	7.81 ~ 11.71 N/ 0.75cm
Peel Strength (B side)	10 ~ 50 g/0.75cm	0.35 ~ 1.76 OZ/0.3in	0.098 ~ 0.488 N/ 0.75cm

The Embossed OPP liner is made for cost effective objective and environmental concern. Due to permanent bonding , bags will be self destroyed once opened. The sophisticated adhesive systems, under normal circumstances, will be coping with slip additives and micro waxes on the film.

➡ Flat permanent sealing tape, white luster surface, has been one of our most special products.



Total Thickness	A side: 0.010mm ~ 0.015mm B side: 0.105mm ~ 0.115mm		
Holding Power (A/B Side) (PSTC-7)	> 2 hrs / > 30 min 0.5kg/1.5cm x 2.5cm / 0.5kg/0.75cm x 2.5cm		
Adhesion (A Side) (PSTC-1)	700 ~ 1200 g/1.5m	24.69 ~ 42.32 OZ/0.59	6.83 ~ 11.71 N/1.5m
Adhesion (B Side) (PSTC-1)	800 ~ 1000 g/0.75cm	28.22 ~ 35.27 OZ/0.3in	7.81 ~ 9.76 N/ 0.75cm

BP-15800

Stepping after BP-15400MC, BP-15800MC is with more exquisite liner in the way to emphasize quality.

Flat liner, with white fine luster, carries high standard image to users, adding up the value to bag makers with whatsoever material is.

➡ Permanent tape, with excellent adaptability, is broadly used by carriers.



Selection Table

Item No	Item	Adhesive	Backing	Liner	A Side Adhesion	B Side Adhesion	Width	Length
	Light Release							
1	BR-15700	Acrylic	PET	HDPE	PE:50~70 OPP:80~110	PE:50~80 OPP:65~90	10, 12, 15, 19	1000, 1500, 5000, 8000, 10000
2	BR-15740	Acrylic	PET	HDPE	PE:50~70 OPP:80~110	PE:50~80 OPP:65~90	10, 12, 15, 19	1000, 1500, 5000, 8000, 10000
	Standard							
3	BR-15100	Acrylic	PET	HDPE	PE:60~80 OPP:90~120	PE:35~50 OPP:50~70	10, 12, 15, 19	1000, 1500, 5000, 8000, 10000
4	BR-15500	Acrylic	PET	OPP	PE:55~80 OPP:65~100	PE:10~20 OPP:40~60	10, 12, 15, 19	1000, 1500, 5000, 8000, 10000
	C-series							
5	BRC-15c00	Acrylic	PET	HDPE	PE:60~80 OPP:90~120	PE:35~50 OPP:50~70	10, 12, 15, 19	1000, 1500, 5000, 8000, 10000
6	BRC-15h00	Acrylic	PET	HDPE	PE:35~45 OPP:70~95	PE:55~85 OPP:90~105	10, 12, 15, 19	1000
	Permament							
7	BP-15400	A:Acrylic B: Rubber	PET	EMBOSSSED OPP	400~700	800~1200	10, 12, 15, 19, 22	500, 3000, 5000
8	BP-15800	Rubber	PET	FLAT OPP	700~1200	800~1000	10, 12, 15, 19, 22	500, 3000, 5000

● Operation Condition: 18℃~25℃ ; R.H. 55% +/- 5%

Above technical information and recommendation herein are based on tests and experiences we believe to be reliable, but the accuracy and completeness thereof is not entirely covered. Users should confirm the adoptability after sample trial or consult with our sales representative for more explicit technical data and recommendations.



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