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INTEGRITY TO  
**SHAPE THE BRAND**  
INNOVATION TO  
**SHAPE THE FUTURE**



To be a Global POE Shrink Film  
**Outstanding Supplier**



Shanghai Rui Mei Packing Material Co., Ltd.  
Real Film ( Suzhou ) Package Material Co., Ltd.





# About US

## Company Profile

Real Film, as a premium polyolefin shrink film supplier with Leading technology, one-stop service, is committed to providing global users with high-quality packaging solutions.

Founded in 2010,Real Film ( production base of Ruimei) is a modern enterprise

engaged in R&D, manufacturing, sales and service of POF heat shrinkable film .Total investment of the company's projects is 15 million USD. Located in Suzhou, China, the production base covers an area over 20,000 square meters, with a number of international leading intelligent production lines, with an annual output approx. 20,000 tons.

The company has always been market-oriented and provides customers with diversified and differentiated products. Our main products are: multi-functional heat shrinkable film, high-performance heat shrinkable film, Hot Marco Perforated shrinkable film, cross-linked film, color printing film and other products, widely used in: cosmetics, food, daily necessities, books, raw food and other industries

Advanced equipment, high-quality raw materials, strict inspection standards, completed management system, professional technical service team to form today's Real Film.

## Enterprise Qualifications

Each product from Real Film meets or exceeds international standards. The company has achieved ISO9001 international quality management system, BRC, SGS and other certificates, It has obtained high-tech enterprise qualification and QS production license, together with 4 invention patents and more than 30 utility model patents till now.



National High-tech Enterprise



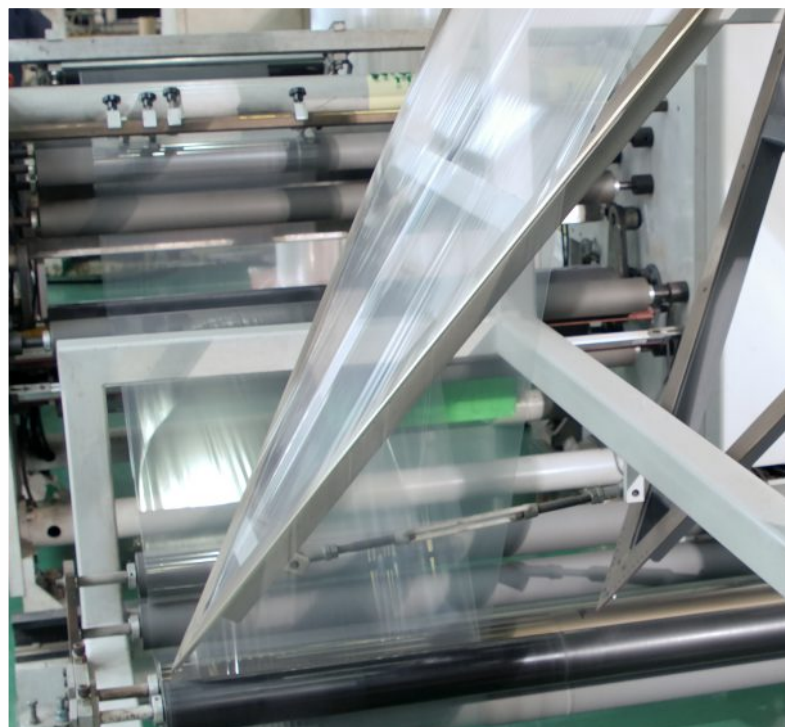
# PRODUCTION EQUIPMENT



▲ High-speed Slitting Machine

Five-layer co-extrusion pof shrinkable film production line

▼



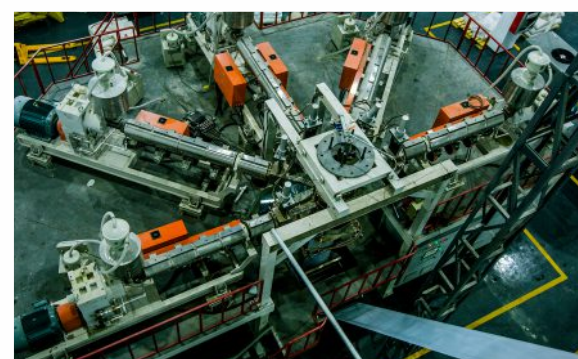
◀ High-precision center fold production lines

▼ Various color gravure printing lines



## Intelligent Production

- Lean production, precision manufacturing-----Real Film, is committed to build an intelligent, lean and international production base.
- Quality control from the source, by adopting international high-quality raw materials.
- We introduced the international advanced POF heat shrinkable film production line : the single roll width of the jumbo roll can reach 3,500 mm. Parallel feeding sleeve type die head is adopted for evenly raw material feeding; American brand NDC thickness monitor to ensure product thickness rightness through real-time online work.
- High-precision center fold machine: It can fold POF shrink films with width up to 1,300mm, and ensure the constant dimension, film top flatness and accurate measuring.
- Various color gravure printing : Using international leading printing equipment, exquisite craftsmanship for accurate color matching, the machines can support ultra-thin thickness color printing.
- Diversified packaging to meet various and customized packaging requirements of films before container loading.



▲ Product Testing Center





# RUIMEI & REAL FILM

INTEGRITY TO SHAPE THE BRAND  
INNOVATION TO SHAPE THE FUTURE

Innovation is the source of the development of Real film. Our R&D Center is always market-oriented and provides customers with diversified and differentiated products. The company adopts a perfect quality control system to test the tensile strength, shrinkage rate, heat sealing performance, friction coefficient and other properties of the product in all aspects. The product quality is stable and the performance is outstanding. It has the characteristics of non-toxic and environmental friendly, high transparency, high shrinkage, high surface gloss, good heat sealing performance, good toughness and strong tensile strength. Our films are widely used in: cosmetics, food, daily necessities, books, fresh products and other industries.





# R9

## Multi-purpose POF Shrink Film



### Features

- Excellent shrinkage performance.
- High heat sealing strength .
- Strong resilience.
- High transparency.
- Wide range of applications.
- It is suitable for most automatic and semi-automatic packaging machinery, and is a cost-effective product.

Common Product Specification Selection Table			
Thickness (micron)	Width (mm)	Length ( CF ) (m)	Length ( SW ) (m)
12	100mm~1,600mm	1660	3320
15		1332	2664
19		1067	2134
25		800	1600
30		670	1340

# P9

## High-speed POF Shrink Film



### Features

- Wide range of shrinkage temperatures.
- Fast shrinking speed.
- High shrinkage.
- Excellent sealing strength.
- More suitable for fully automatic packaging machines.

Common Product Specification Selection Table			
Thickness (micron)	Width (mm)	Length ( CF ) (m)	Length ( SW ) (m)
8、9、10	100mm~1,600mm	1800	3600
12		1660	3320
15		1332	2664
19		1067	2134
25		800	1600



# M9

## Hot Macro Perforated POF Shrink Film



### Features

- Good air permeability.
- It helps to keep food fresh.
- It is mainly suitable for the packaging of vegetables, eggs, bread and other foods.

Common Product Specification Selection Table			
Thickness (micron)	Width (mm)	Length (CF) (m)	Length (SW) (m)
12	100mm~1,600mm	1660	3320
15		1332	2664
19		1067	2134
25		800	1600
30		670	1340

# GP1

## Color Printed POF Shrink Film



### Features

- High printing color accuracy.
- Ideal printing effect.
- Supports single color or multi-color printing.
- It can enhance company profile, advertising effect and brand awareness.
- To fulfill various printing requirements by customers.

Common Product Specification Selection Table			
Thickness (micron)	Width (mm)	Length (CF) (m)	Length (SW) (m)
8、9、10	200mm~1,050mm	1800	3600
12		1660	3320
15		1332	2664
19		1067	2134
25		800	1600
30		670	1340



# K9 Cross-Linked POF Shrink Film

## Features

- Outstanding shrinkage performance.
- The sealing is stronger and longer-lasting.
- Wider shrink temperature range.
- The corners of the packaging are subtle, which can better represent the product.
- Suitable for irregular-shaped, sharp corners and other product packaging.
- It is suitable for nearly all packaging systems in use today.



# S9 Low Temperature & Hot Slip Film

## Features

- The low-temperature film requires lower shrinkage temperature and fast shrink speed.
- It can be applied to shrink wrap books, magazines, and others soft articles.
- Hot slip film has good thermal slip properties, which helps to.
- The film is suitable to shrink shrink wrap box-shaped or flat items.
- Quickly put into the box to reduce adhesion or scraping phenomenon.



# K9-1 Anti Fog Cross-Linked Shrink Film

## Features

- Keep clear visibility of frozen goods in the retail display case.
- The film will not be foggy under freezing condition.
- Suitable for frozen foods such as vegetables, fruits, raw food packaging.



# X9 Colorful POF Shrink Film

## Features

- Increase the privacy of products packed.
- Various colors optional.
- It is suitable for product packaging that requires privacy protection such as express delivery.





P9 High-speed POF Shrink Film Technical Parameters

TEST ITEM	UNIT	ASTM TEST	TYPICAL VALUES				
TEST ITEM			10 μ m	12 μ m	15 μ m	19 μ m	
TENSILE							
Tensile Strength(MD)	N/mm²	D882	80	75	75	70	
Tensile Strength(TD)			70	65	65	63	
Elongation(MD)	%		95	95	100	95	
Elongation(TD)			80	85	93	85	
TEAR							
MD	g	D1922	12.0	14.5	17.0	24.0	
TD			11.5	14.0	16.5	23.0	
SEAL STRENGTH							
MD/Heating Wire Seal	N/mm²	F88	0.72	0.68	0.75	0.95	
TD/Heating Wire Seal			0.63	0.65	0.71	0.92	
COF(film to film)							
Dynamic		D1894	0.18	0.21	0.17	0.16	
Static			0.20	0.22	0.19	0.19	
OPTICS							
Haze		D1003	3.2	3.5	3.9	4.3	
Clarity		D1746	97.5	97.5	98.0	96.5	
Gloss @ 45Deg		D2457	81.0	82.5	84.0	84.0	
BARRIER							
Oxygen Transmission Rate	cc/m²/day	D3985	/	/	/	/	
Water Vapor Transmission Rate	gm/m²/day	F1249	/	/	/	/	
SHRINKAGE PROPERTIES							
Free Shrinkage	100°C	%	D2732	MD	TD	MD	TD
	110°C			44	46	42	42
	120°C			55	57	54	54
	130°C			63	64	62	61
				68	67	69	67
Shrink tension	100°C	Mpa	D2838	3.10	2.20	2.40	2.5
	110°C			2.40	2.60	2.70	2.85
	120°C			2.35	2.40	2.60	2.6

R9 Multi-purpose POF Shrink Film Technical Parameters

TEST ITEM	UNIT	ASTM TEST	TYPICAL VALUES					
TEST ITEM			12 μ m	15 μ m	19 μ m	25 μ m	30 μ m	38 μ m
TENSILE								
Tensile Strength(MD)	N/mm²	D882	125	125	115	115	101	90
Tensile Strength(TD)			118	118	110	110	105	85
Elongation(MD)	%		115	115	120	120	130	130
Elongation(TD)			10.5	10.5	14.5	17.5	24.0	28.0
TEAR								
MD	g	D1922	10.0	10.0	13.5	16.0	23.5	27.0
TD								
SEAL STRENGTH								
MD/Heating Wire Seal	N/mm²	F88	0.65	0.65	0.85	1.05	1.25	1.50
TD/Heating Wire Seal			0.67	0.67	0.86	1.06	1.28	1.55
COF(film to film)								
Dynamic		D1894	0.23	0.23	0.25	0.24	0.25	0.25
Static			0.24	0.24	0.26	0.25	0.26	0.26
OPTICS								
Haze		D1003	2.2	2.2	2.6	3.0	3.8	4.3
Clarity		D1746	97.6	97.6	98.1	97.1	95.1	95.1
Gloss @ 45Deg		D2457	86.6	86.6	84.1	82.1	80.6	80.6
BARRIER								
Oxygen Transmission Rate	cc/m²/day	D3985	12300	12300	11200	9400	6200	5400
Water Vapor Transmission Rate	gm/m²/day	F1249	46	46	39	27	21	20
SHRINKAGE PROPERTIES								
Free Shrinkage	100℃	%	D2732	MD	TD	MD	TD	
	110℃			23	31	21	29	
	120℃			38	45	36	45	
	130℃			58	60	57	59	
				65	67	66	64	
Shrink tension	100℃	Mpa	D2838	1.80	2.65	1.80	2.55	
	110℃			2.70	3.50	2.70	3.6	
	120℃			2.80	3.65	2.75	3.6	
	130℃			2.65	3.15	2.60	3.1	

K9 Cross-Linked POF Shrink Film Technical Parameters

TEST ITEM	UNIT	ASTM TEST	TYPICAL VALUES					
GAUGE			12 μ m	15 μ m	19 μ m	25 μ m	30 μ m	38 μ m
TENSILE								
Tensile Strength(MD)	N/mm²	D882	130	135	135	125	120	115
Tensile Strength(TD)			125	125	125	120	115	110
Elongation(MD)	%		115	120	120	120	125	130
Elongation(TD)			105	110	110	115	115	120
TEAR								
MD at 400gm	g	D1922	11.5	14.5	18.5	27.0	32.0	38.5
TD at 400gm			12.5	17.0	22.5	30.0	35.0	42.5
SEAL STRENGTH								
MD/Heating Wire Seal	N/mm²	F88	1.13	1.29	1.45	1.75	2.15	2.10
TD/Heating Wire Seal			1.18	1.43	1.65	1.75	2.10	2.10
COF(film to film)								
Static		D1894	0.23	0.19	0.18	0.22	0.23	0.25
Dynamic			0.23	0.19	0.18	0.22	0.23	0.25
OPTICS								
Haze		D1003	2.3	2.6	3.5	3.8	4.2	4.8
Clarity		D1746	98.5	98.8	98.0	97.5	94.0	92.0
Gloss @ 45Deg		D2457	88.5	87.5	87.5	86.0	86.0	85.0
BARRIER								
Oxygen Transmission Rate	cc/m²/day	D3985	10300	9500	6200	5400	4200	3700
Water Vapor Transmission Rate	gm/m²/day	F1249	32.5	27.6	20.5	14.5	11	9.5
SHRINKAGE PROPERTIES								
Free Shrinkage	100°C	%	D2732	MD	TD	MD	TD	
	110°C			17.5	27.5	16.0	26.0	
	120°C			36.5	44.5	34.0	43.0	
	130°C			70.5	72.0	68.5	67.0	
	130°C			81.0	79.5	80.0	79.0	
Shrink tension	100°C	Mpa	D2838	2.30	2.55	2.70	2.85	
	110°C			2.90	3.85	3.40	4.10	
	120°C			3.45	4.25	3.85	4.65	
	130°C			3.20	3.90	3.30	4.00	
	130°C							

K9-1 Anti Fog Cross-Linked POF Shrink Film Technical Parameters

TEST ITEM	UNIT	ASTM TEST	TYPICAL VALUES		
GAUGE			11 μ m	15 μ m	19 μ m
TENSILE					
Tensile Strength(MD)	N/mm²	D882	135	135	140
Tensile Strength(TD)			135	130	135
Elongation(MD)	%		130	130	135
Elongation(TD)			120	120	125
TEAR					
MD at 400gm	g	D1922	7.5	11.0	14.5
TD at 400gm			8.5	11.5	15.5
SEAL STRENGTH					
MD/Heating Wire Seal	N/mm²	F88	0.90	1.05	1.25
TD/Heating Wire Seal			0.95	1.15	1.35
COF(film to film)					
Static		D1894	0.31	0.29	0.27
Dynamic			0.3	0.29	0.28
OPTICS					
Haze		D1003	3.9	4.8	5.4
Clarity		D1746	95.5	94.5	93.5
Gloss @ 45Deg		D2457	81.5	79.0	77.0
Antifog arrival time at 5℃		2hours			
Antifog		Complete transparent, no visible vapor			
BARRIER					
Oxygen Transmission Rate	cc/m²/day	D3985	9900	8600	6200
Water Vapor Transmission Rate	gm/m²/day	F1249	30.7	27.3	19.5
SHRINKAGE PROPERTIES			MD	TD	
Free Shrinkage	100℃	%	D2732	20	30
	110℃			38	45
	120℃			62	64
	130℃			81	78
Shrink tension	100℃	Mpa	D2838	2.15	2.50
	110℃			2.80	3.90
	120℃			3.30	4.15
	130℃			3.10	3.85