

Product Code: YBR606H(f)

Description:

- ☆ Floatable film, low density, which is suitable for the flotation separation from bottles during the recycling process.
- ☆ Replace traditional PETG shrink film for shrink sleeve label application.
- ☆ Oriented in Transverse Direction, High shrinkage.
- ☆ Recommended for using in steam and hot air shrink tunnels.
- ☆ One surface is Corona treated for printing.

Property Data:

Item	Unit	Typical Value	Testing Method	
Thickness	μm	45, 50	ASTM D374	
Thickness Tolerance	%	3		
Material yield	45μm	m ² /kg	21.3	/
	50μm		19.2	/
Tensile Strength	MD	MPa	18.2	ASTM D882 v=100mm/min
	TD		95	
E-Modulus	MD		725	
	TD		1095	
Elongation at Break	MD	%	161	
	TD		27	
Heat Shrinkage	MD	%	2	ASTM D1204 95°C/10sec/Water
	TD		69.5	
C.O.F	μs	--	0.566	ASTM D1894E
	μk		0.533	
Haze	%	6.0	ASTM D1003	
Gloss (45°)	--	90.6	ASTM D2457	
Density	g/cm ³	0.92 ± 0.02	ASTM D792	

Remark:

- ☆ Unit Correlation: MPa=Kg/mm²×9.8 psi=Kg/mm²×1422.3

Application:

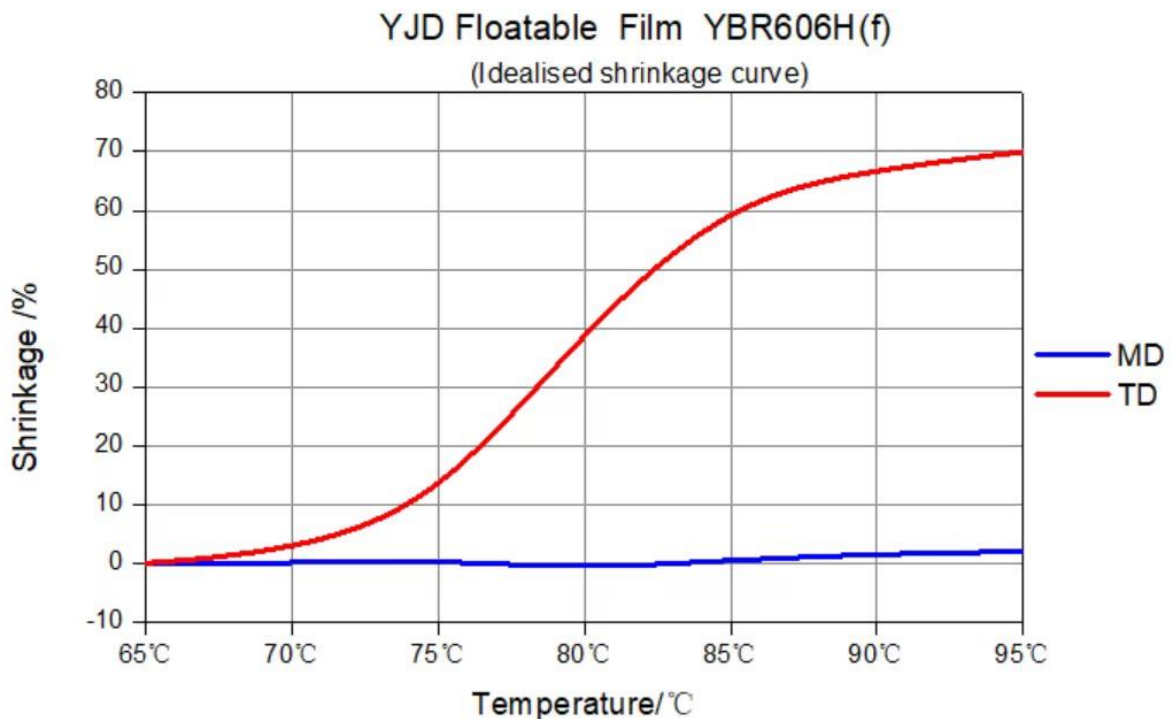
☆ Widely used for normal bottle sleeves, labeling in the package of beverage, home care, body care, cosmetics, especially products that required Separation as per international recycling guidelines etc.

Storage Conditions:

You can store YJD Floatable shrink films for up to 6 months. We guarantee film quality under the following storage conditions:

- ☆ Do not store in temperatures above 30°C (86° F) or below 10°C (50° F).
- ☆ Do not expose to rapid temperature changes.
- ☆ Do not store in direct sunlight.
- ☆ For mechanical, moisture, and dust protection, store film in its original packaging.

Shrinkage Curve:



Remark:

- ☆ Data and curves are only for reference, not as acceptance criteria.
- ☆ Test condition: 10-s hot water bath contraction.

Product Code: YBR608H(f)

Description:

- ☆ High shrinkage floatable film, low density, which is suitable for the flotation separation from bottles during the recycling process.
- ☆ Replace traditional PETG shrink film for shrink sleeve label application.
- ☆ Oriented in Transverse Direction, High shrinkage.
- ☆ Recommended for using in steam and hot air shrink tunnels.
- ☆ One surface is Corona treated for printing.

Property Data:

Item	Unit	Typical Value	Testing Method		
Thickness	μm	45, 50	ASTM D374		
Thickness Tolerance	%	3			
Material yield	45μm	m ² /kg	21.3	/	
	50		19.2		
Tensile Strength	MD	MPa	17.9	ASTM D882 v=100mm/min	
	TD		94.8		
E-Modulus	MD		698		
	TD		1202		
Elongation at Break	MD		%		154
	TD				20
Heat Shrinkage	MD	%	1	ASTM D1204 95°C/10sec/Water	
	TD		73		
C.O.F	μs	--	0.532	ASTM D1894E	
	μk		0.511		
Haze	%		5.8	ASTM D1003	
Gloss (45°)	--		90.6	ASTM D2457	
Density	g/cm ³		0.92 ± 0.02	ASTM D792	

Remark:

- ☆ Unit Correlation: MPa=Kg/mm²×9.8 psi=Kg/mm²×1422.3

Application:

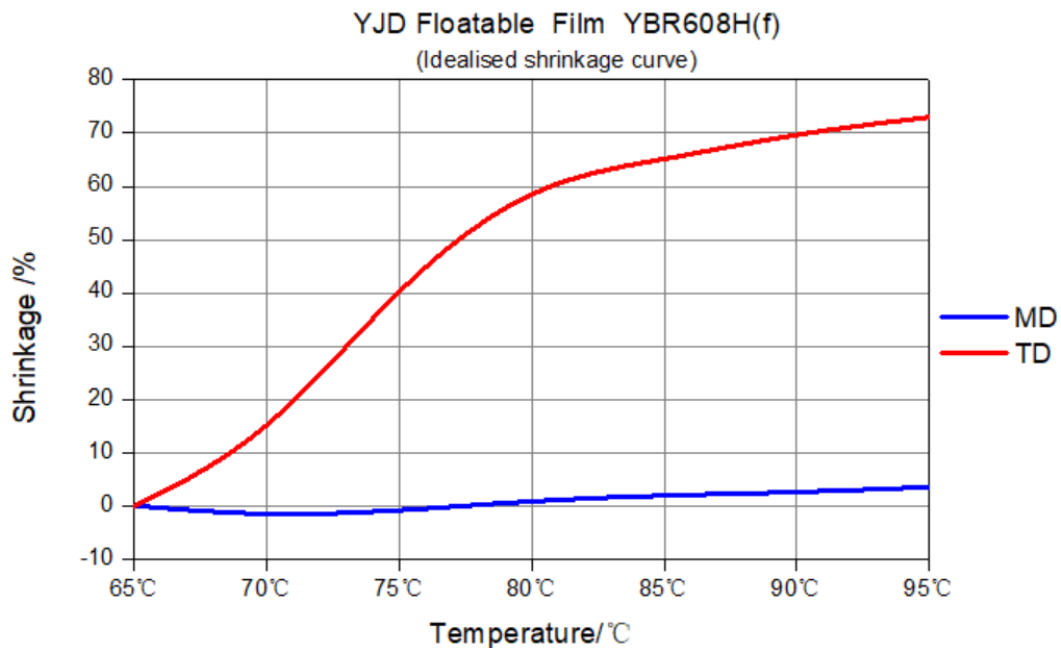
☆ Widely used for normal bottle sleeves, labeling in the package of beverage, home care, body care, cosmetics, especially products that required Separation as per international recycling guidelines etc.

Storage Conditions:

You can store YJD Floatable shrink films for up to 6 months. We guarantee film quality under the following storage conditions:

- ☆ Do not store in temperatures above 30°C (86° F) or below 10°C (50° F).
- ☆ Do not expose to rapid temperature changes.
- ☆ Do not store in direct sunlight.
- ☆ For mechanical, moisture, and dust protection, store film in its original packaging.

Shrinkage Curve:



Remark:

- ☆ Data and curves are only for reference, not as acceptance criteria.
- ☆ Test condition: 10-s hot water bath contraction.

Product Code: YBR506H(c)
(Theoretical Simulation Data)

Description:

- ☆ White heat shrink film for high valued label, special required label.
- ☆ Replace the white bottom material, blocking most part visible light.
- ☆ Recommended for using in steam shrink tunnels.

Property Data:

Item	Unit	Requirement	Typical Value	Testing Method	
Thickness	μm	20~80	40,45	ASTM D374	
Thickness Tolerance	%	≤5	3		
Material yield	40μm	m ² /kg	/	18.1	
	45μm		/		16.1
Tensile Strength	MD	MPa	≥35	ASTM D882 v=100mm/min	
	TD		≥150		255
E-Modulus	MD	≥1300	1550		
	TD	≥3000	5500		
Elongation at Break	MD	%	≥300		410
	TD		≥25		28
Heat Shrinkage	MD	%	≤6	4	ASTM D1204 90°C/10sec/Water
	TD		≥70	72	
C.O.F	μs	--	≤0.60	0.408	ASTM D1894E
	μk		≤0.55	0.386	
Haze	%	≥100	103	ASTM D1003	
Gloss (45°)	--	/	70	ASTM D2457	
Whiteness	%	≥80	82	GB/T2913-1982	
Dyne	mN/m	≥38	40	ASTM D2578	
Density	g/cm ³	1.38±0.04	1.38	ASTM D792	

Remark:

- ☆ Printing Side: Double
- ☆ Unit Correlation: MPa=Kg/mm²×9.8 psi=Kg/mm²×1422.3

Application:

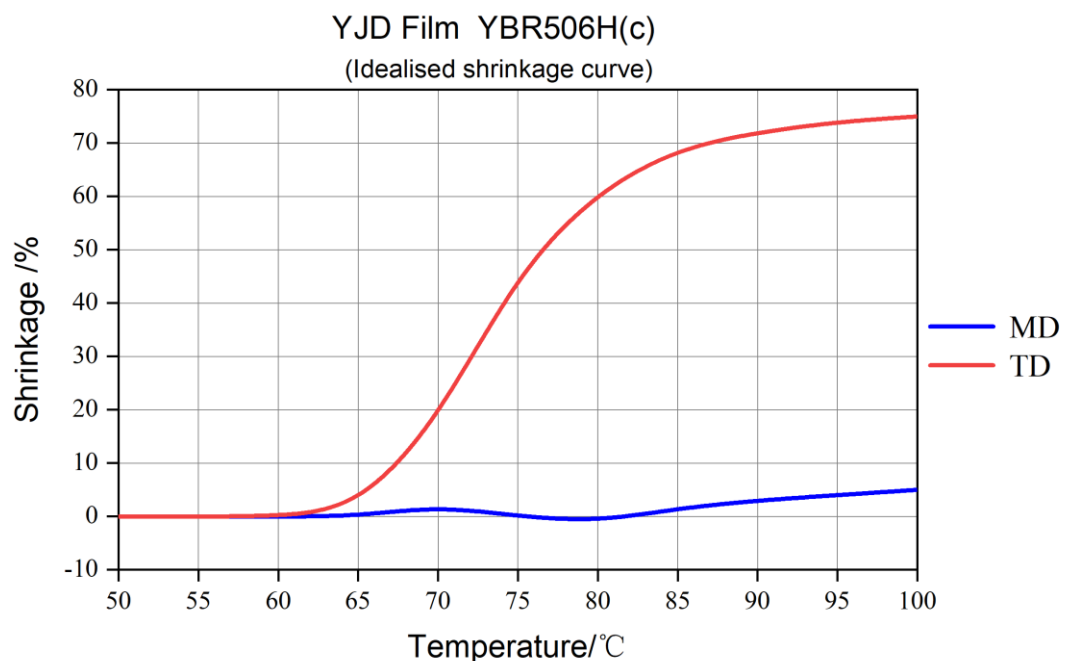
- ☆ Ideal packaging materials used for dairy products, fruit juice, red wine coffee and vitamin products that need UV-blocking.
- ☆ The film should be used at room temperature between 20 and 25°C and with a relative humidity between 50 and 60%.

Storage Conditions:

You can store YJD shrink films for up to 6 months. We guarantee film quality under the following storage conditions:

- ☆ Do not store in temperatures above 30°C(86°F) or below 10°C(50°F).
- ☆ Do not store in humidity above 65%.
- ☆ Do not expose to rapid temperature changes.
- ☆ Do not store in direct sunlight.
- ☆ For mechanical, moisture, and dust protection, store film in its original packaging.

Shrinkage Curve:



Remark:

- ☆ Data and curves are only for reference, not as acceptance criteria.
- ☆ Test condition: 10-s hot water bath contraction.

Product Code: YBR506M(r)-50

Description:

- ☆ White heat shrink film for high valued label, special required label.
- ☆ Oriented in Transverse Direction, middle shrinkage.
- ☆ It contains 50% PCR materials (post consumer recycled material), and contributes to environmental sustainability.
- ☆ High barrier for blocking all kinds of visible light, ultraviolet, infrared, etc.
- ☆ Recommended for using in steam shrink tunnels.

Property Data:

Item	Unit	Requirement	Typical Value	Testing Method	
Thickness	μm	20~80	40,45	ASTM D374	
Thickness Tolerance	%	≤5	3		
Material yield	40μm	m ² /kg	/	17.9	/
	45μm		/		
Tensile Strength	MD	MPa	≥35	50	ASTM D882 v=100mm/min
	TD		≥150	218	
E-Modulus	MD		≥1300	2250	
	TD		≥3000	4710	
Elongation at Break	MD	%	≥300	420	
	TD		≥25	49	
Heat Shrinkage	MD	%	2-8	4.5	ASTM D1204 90°C/10sec/Water
	TD		58~68	64	
C.O.F	μs	--	≤0.60	0.404	ASTM D1894E
	μk		≤0.55	0.326	
Haze	%	≥100	103	ASTM D1003	
Gloss (45°)	--	/	75	ASTM D2457	
Dyne	mN/m	≥38	40	ASTM D2578	
Density	g/cm ³	1.40±0.03	1.40	ASTM D792	

Remark:

- ☆ Printing Side: Double
- ☆ Unit Correlation: MPa=Kg/mm²×9.8 psi=Kg/mm²×1422.3

Application:

☆ Ideal packaging materials used for dairy products, fruit juice, red wine and vitamin products that need UV- blocking all kinds of visible light, ultraviolet, infrared etc, thus greatly reducing the production, transportation, storage and other costs.

☆ The film should be used at room temperature between 20 and 25°C and with a relative humidity between 50 and 60%.

Storage Conditions:

You can store YJD shrink films for up to 6 months. We guarantee film quality under the following storage conditions:

☆ Do not store in temperatures above 30°C(86°F) or below 10°C(50°F).

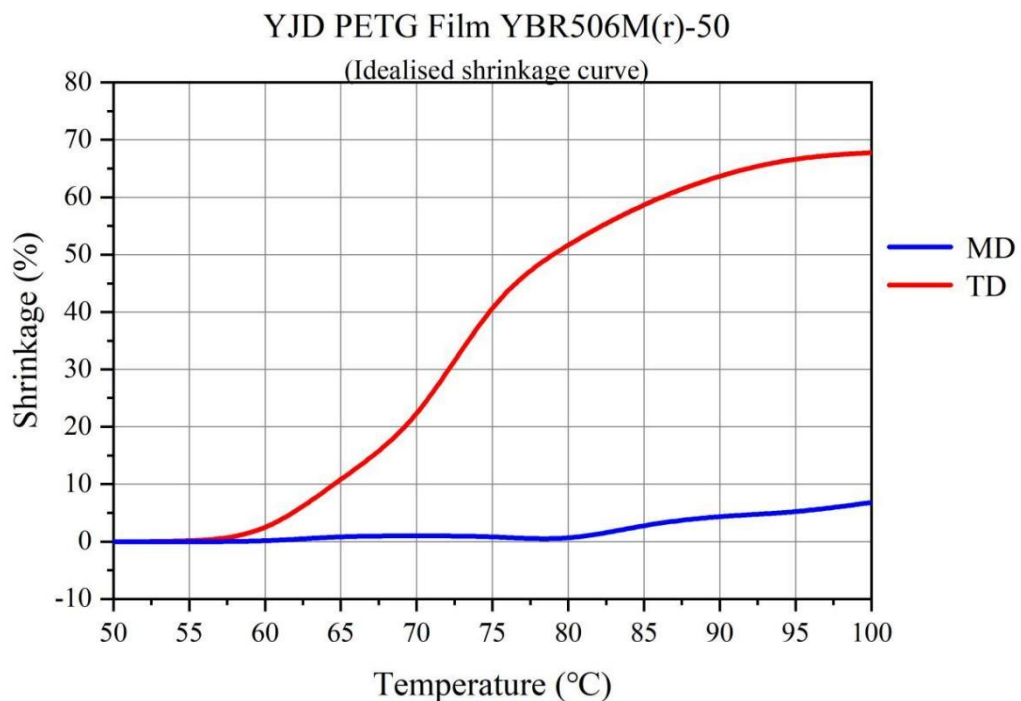
☆ Do not store in humidity above 65%.

☆ Do not expose to rapid temperature changes.

☆ Do not store in direct sunlight.

☆ For mechanical, moisture, and dust protection, store film in its original packaging.

Shrinkage Curve:



Remark:

☆ Data and curves are only for reference, not as acceptance criteria.

☆ Test condition: 10-s hot water bath contraction.

Product Code: YMR206H(c)

Description:

- ☆ C-PET (crystallizable PET) shrink film for Shrink Sleeve Label application.
- ☆ Sustainable and 100% Recyclable with PET Bottle.
- ☆ Oriented in Transverse Direction, High shrinkage.
- ☆ Recommended for using in steam shrink tunnels.

Property Data:

Item	Unit	Requirement	Typical Value	Testing Method	
Thickness	μm	20~80	40,45,50	ASTM D374	
Thickness Tolerance	%	≤5	3		
Material yield	40μm	m ² /kg	/	/	
	45μm		/		
	50μm		/		
Tensile Strength	MD	MPa	≥45	ASTM D882 v=100mm/min	
	TD		≥180		
E-Modulus	MD		≥1200		1750
	TD		≥3000		4850
Elongation at Break	MD		≥300		490
	TD		≥25		45
Heat Shrinkage	MD	%	≤5	ASTM D1204 90°C/10sec/Water	
	TD		≥70		73
C.O.F	μs	--	≤0.60	ASTM D1894E	
	μk		≤0.55		0.368
Haze	%	≤7.0	4.0	ASTM D1003	
Gloss (45°)	--	≥100	110	ASTM D2457	
Dyne	mN/m	≥38	40	ASTM D2578	
Density	g/cm ³	1.32±0.04	1.32	ASTM D792	

Remark:

- ☆ Printing Side: Double
- ☆ Unit Correlation: MPa=Kg/mm²×9.8 psi=Kg/mm²×1422.3

Application:

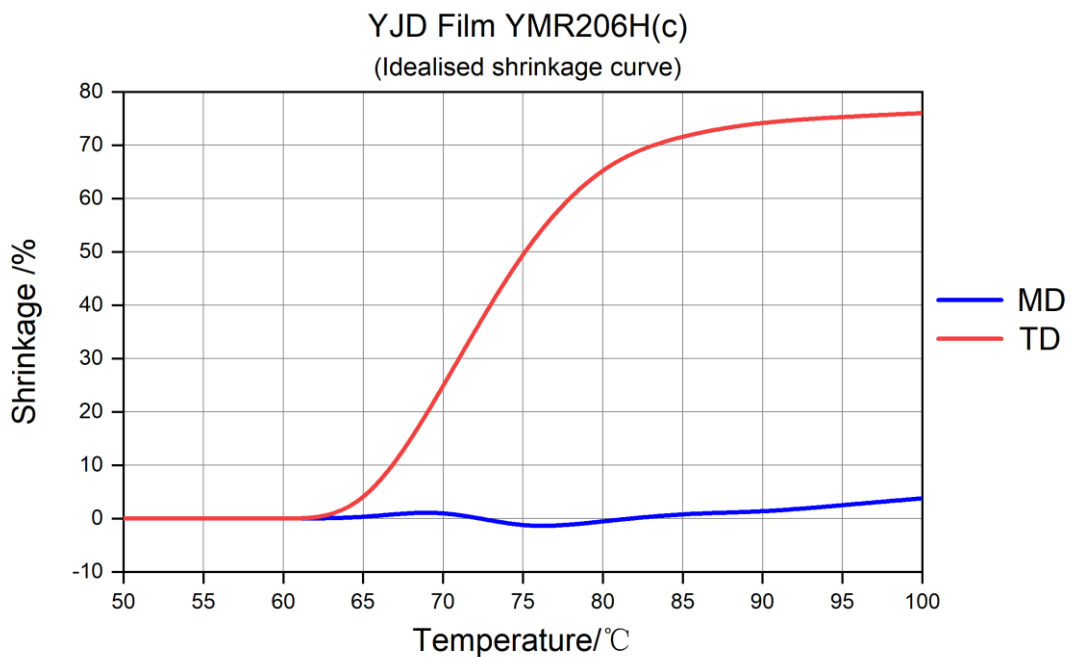
- ☆ Widely used for normal bottle sleeves, labeling in the package of beverage, home care, body care, cosmetics etc.
- ☆ The film should be used at room temperature between 20 and 25°C and with a relative humidity between 50 and 60%.

Storage Conditions:

You can store YJD shrink films for up to 6 months. We guarantee film quality under the following storage conditions:

- ☆ Do not store in temperatures above 30°C(86°F) or below 10°C(50°F).
- ☆ Do not store in humidity above 65%.
- ☆ Do not expose to rapid temperature changes.
- ☆ Do not store in direct sunlight.
- ☆ For mechanical, moisture, and dust protection, store film in its original packaging.

Shrinkage Curve:



Remark:

- ☆ Data and curves are only for reference, not as acceptance criteria.
- ☆ Test condition: 10-s hot water bath contraction.

Product Code: YMR206H(c)

Description:

- ☆ C-PET (crystallizable PET) shrink film for Shrink Sleeve Label application.
- ☆ Sustainable and 100% Recyclable with PET Bottle.
- ☆ Oriented in Transverse Direction, High shrinkage.
- ☆ Recommended for using in steam shrink tunnels.

Property Data:

Item	Unit	Requirement	Typical Value	Testing Method	
Thickness	μm	35	35	ASTM D374	
Thickness Tolerance	%	≤5	5		
Material yield	35μm	m ² /kg	/	21.6	/
Tensile Strength	MD	MPa	≥45	58	ASTM D882 v=100mm/min
	TD		≥180	280	
E-Modulus	MD		≥1200	1513	
	TD		≥3000	4750	
Elongation at Break	MD	%	≥300	490	
	TD		≥25	42	
Heat Shrinkage	MD	%	≤5	1	ASTM D1204 90°C/10sec/Water
	TD		≥70	75	
C.O.F	μs	--	≤0.60	0.413	ASTM D1894E
	μk		≤0.55	0.363	
Haze	%	≤7.0	4.0	ASTM D1003	
Gloss (45°)	--	≥100	110	ASTM D2457	
Dyne	mN/m	≥38	40	ASTM D2578	
Density	g/cm ³	1.32±0.04	1.32	ASTM D792	

Remark:

- ☆ Printing Side: Double
- ☆ Unit Correlation: MPa=Kg/mm²×9.8 psi=Kg/mm²×1422.3

Application:

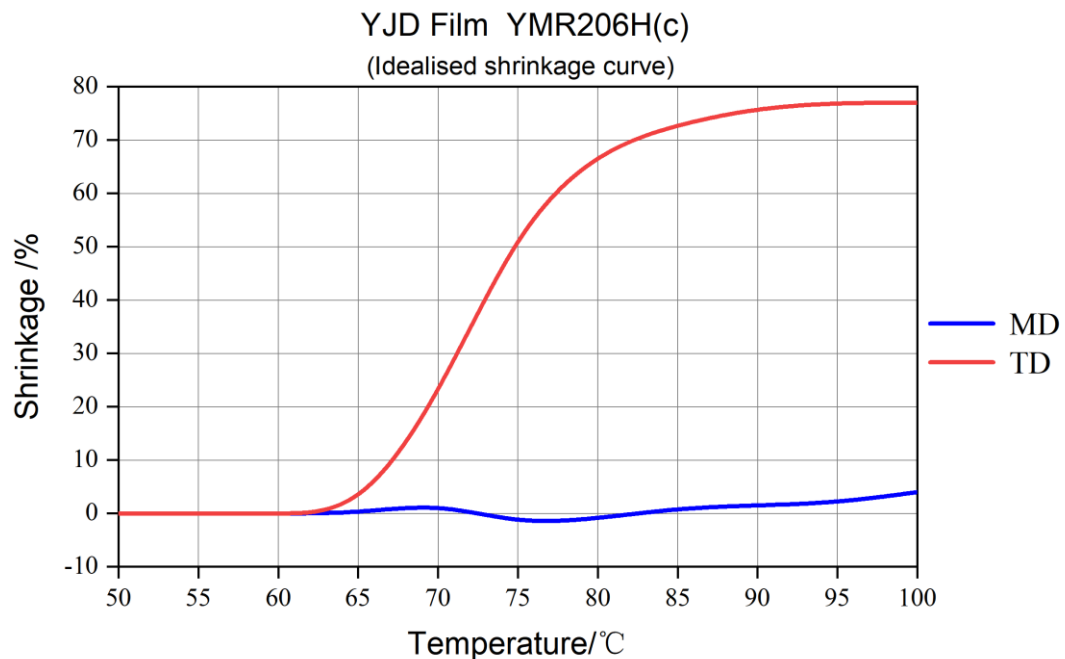
- ☆ Widely used for normal bottle sleeves, labeling in the package of beverage, home care, body care, cosmetics etc.
- ☆ The film should be used at room temperature between 20 and 25°C and with a relative humidity between 50 and 60%.

Storage Conditions:

You can store YJD shrink films for up to 6 months. We guarantee film quality under the following storage conditions:

- ☆ Do not store in temperatures above 30°C(86°F) or below 10°C(50°F).
- ☆ Do not store in humidity above 65%.
- ☆ Do not expose to rapid temperature changes.
- ☆ Do not store in direct sunlight.
- ☆ For mechanical, moisture, and dust protection, store film in its original packaging.

Shrinkage Curve:



Remark:

- ☆ Data and curves are only for reference, not as acceptance criteria.
- ☆ Test condition: 10-s hot water bath contraction.

Product Code: YMR206H(c)

Description:

- ☆ C-PET (crystallizable PET) shrink film for Shrink Sleeve Label application.
- ☆ Sustainable and 100% Recyclable with PET Bottle.
- ☆ Oriented in Transverse Direction, High shrinkage.
- ☆ Recommended for using in steam shrink tunnels.

Property Data:

Item	Unit	Requirement	Typical Value	Testing Method	
Thickness	μm	20~80	60	ASTM D374	
Thickness Tolerance	%	≤5	3		
Material yield	60μm	m ² /kg	/	/	
Tensile Strength	MD	MPa	≥45	60	ASTM D882 v=100mm/min
	TD		≥180	265	
E-Modulus	MD		≥1200	1500	
	TD		≥3000	3900	
Elongation at Break	MD	%	≥300	498	
	TD		≥25	46	
Heat Shrinkage	MD	%	≤5	0	ASTM D1204 90°C/10sec/Water
	TD		≥70	71	
C.O.F	μs	--	≤0.60	0.395	ASTM D1894E
	μk		≤0.55	0.376	
Haze	%	≤7.0	4.2	ASTM D1003	
Gloss (45°)	--	≥100	110	ASTM D2457	
Dyne	mN/m	≥38	40	ASTM D2578	
Density	g/cm ³	1.32±0.03	1.32	ASTM D792	

Remark:

- ☆ Printing Side: Double
- ☆ Unit Correlation: MPa=Kg/mm²×9.8 psi=Kg/mm²×1422.3

Application:

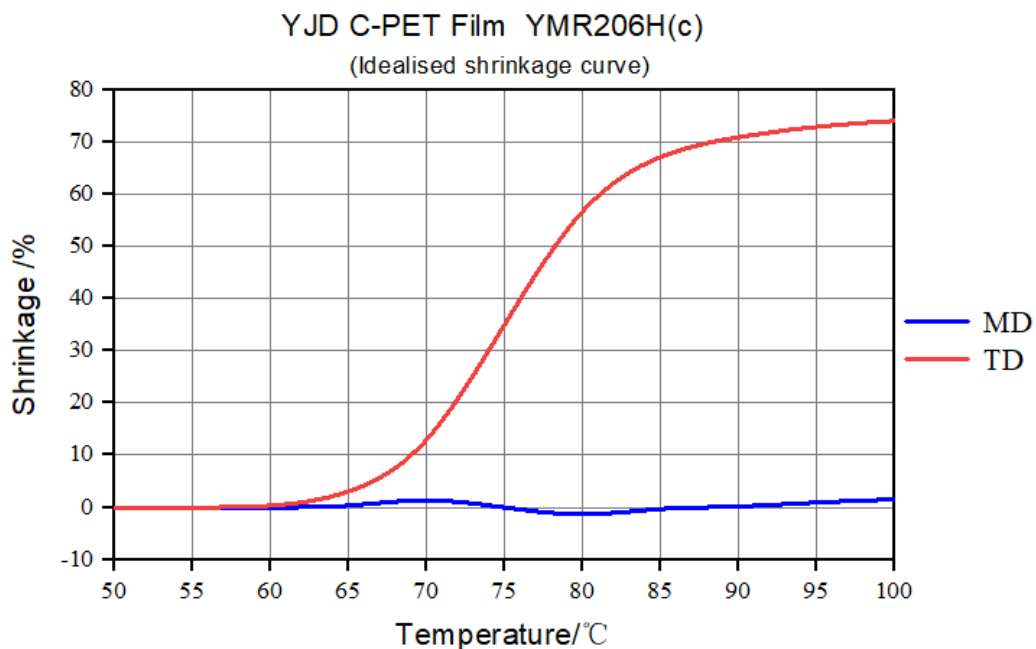
- ☆ Widely used for normal bottle sleeves, labeling in the package of beverage, home care, body care, cosmetics etc.
- ☆ The film should be used at room temperature between 20 and 25°C and with a relative humidity between 50 and 60%.

Storage Conditions:

You can store YJD shrink films for up to 6 months. We guarantee film quality under the following storage conditions:

- ☆ Do not store in temperatures above 30°C(86°F) or below 10°C(50°F).
- ☆ Do not store in humidity above 65%.
- ☆ Do not expose to rapid temperature changes.
- ☆ Do not store in direct sunlight.
- ☆ For mechanical, moisture, and dust protection, store film in its original packaging.

Shrinkage Curve:



Remark:

- ☆ Data and curves are only for reference, not as acceptance criteria.
- ☆ Test condition: 10-s hot water bath contraction.

Product Code: YMR206H(cr)

Description:

- ☆ C-PET (crystallizable PET) shrink film for Shrink Sleeve Label application.
- ☆ It contains 30% PCR materials (post consumer recycled material), and contributes to environmental sustainability.
- ☆ Sustainable and 100% Recyclable with PET Bottle.
- ☆ Oriented in Transverse Direction, High shrinkage.
- ☆ Recommended for using in steam shrink tunnels.

Property Data:

Item	Unit	Requirement	Typical Value	Testing Method	
Thickness	μm	20~80	40,45,50	ASTM D374	
Thickness Tolerance	%	≤5	3		
Material yield	40μm	m ² /kg	/	18.9	/
	45μm		/	16.8	
	50μm		/	15.2	
Tensile Strength	MD	MPa	≥45	56	ASTM D882 v=100mm/min
	TD		≥180	291	
E-Modulus	MD	MPa	≥1200	1745	
	TD		≥3000	4950	
Elongation at Break	MD	%	≥300	460	
	TD		≥25	41	
Heat Shrinkage	MD	%	≤5	0	ASTM D1204 90°C/10sec/Water
	TD		≥70	73	
C.O.F	μs	--	≤0.60	0.392	ASTM D1894E
	μk		≤0.55	0.358	
Haze	%	≤7.0	4.0	ASTM D1003	
Gloss (45°)	--	≥100	110	ASTM D2457	
Dyne	mN/m	≥38	39	ASTM D2578	
Density	g/cm ³	1.32±0.03	1.32	ASTM D792	

Remark:

- ☆ Printing Side: Double
- ☆ Unit Correlation: MPa=Kg/mm²×9.8 psi=Kg/mm²×1422.3

Application:

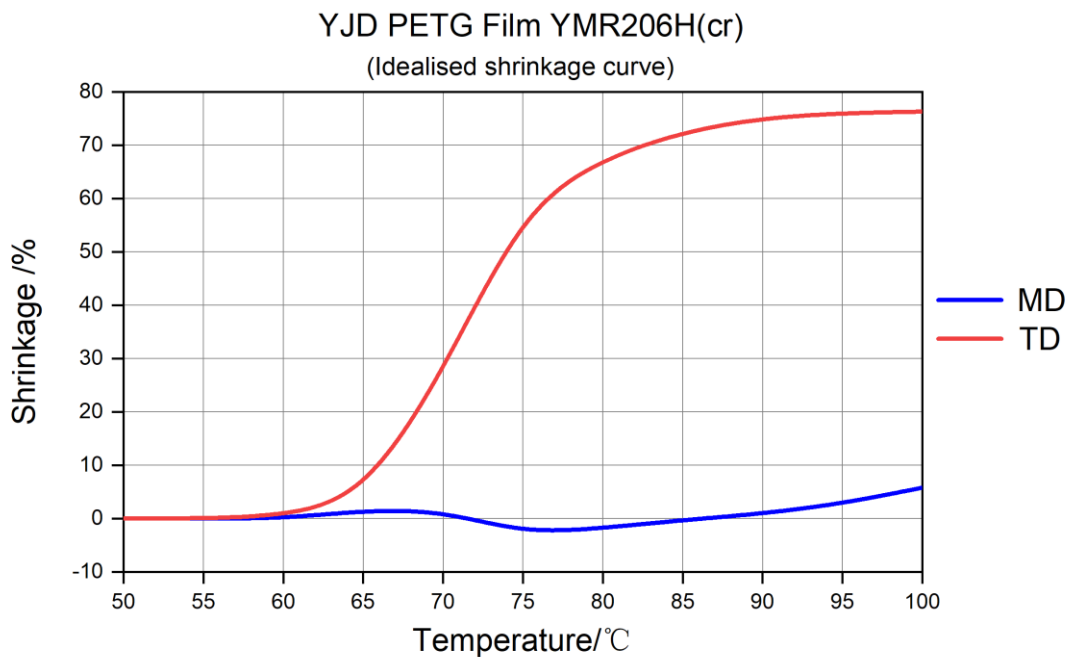
- ☆ Widely used for normal bottle sleeves, labeling in the package of beverage, home care, body care, cosmetics etc.
- ☆ The film should be used at room temperature between 20 and 25°C and with a relative humidity between 50 and 60%.

Storage Conditions:

You can store YJD shrink films for up to 6 months. We guarantee film quality under the following storage conditions:

- ☆ Do not store in temperatures above 30°C(86°F) or below 10°C(50°F).
- ☆ Do not store in humidity above 65%.
- ☆ Do not expose to rapid temperature changes.
- ☆ Do not store in direct sunlight.
- ☆ For mechanical, moisture, and dust protection, store film in its original packaging.

Shrinkage Curve:



Remark:

- ☆ Data and curves are only for reference, not as acceptance criteria.
- ☆ Test condition: 10-s hot water bath contraction.

Product Code: YMR206H(cr)
(Theoretical Simulation Data)

Description:

- ☆ C-PET (crystallizable PET) shrink film for Shrink Sleeve Label application.
- ☆ It contains 30%/50% PCR materials (post consumer recycled material), and contributes to environmental sustainability.
- ☆ Sustainable and 100% Recyclable with PET Bottle.
- ☆ Oriented in Transverse Direction, High shrinkage.
- ☆ Recommended for using in steam shrink tunnels.

Property Data:

Item	Unit	Requirement	Typical Value	Testing Method	
Thickness	μm	30	30	ASTM D374	
		25	25		
Thickness Tolerance	%	≤5	5		
Material yield	30μm	m ² /kg	/	/	
	25μm		/		30.2
Tensile Strength	MD	MPa	≥45	50	ASTM D882 v=100mm/min
	TD		≥180	270	
E-Modulus	MD		≥1200	1450	
	TD		≥3000	4800	
Elongation at Break	MD	%	≥300	450	
	TD		≥25	38	
Heat Shrinkage	MD	%	≤5	4	ASTM D1204 90°C/10sec/Water
	TD		≥70	75	
C.O.F	μs	--	≤0.60	0.465	ASTM D1894E
	μk		≤0.55	0.412	
Haze	%	≤7.0	4.0	ASTM D1003	
Gloss (45°)	--	≥100	110	ASTM D2457	
Dyne	mN/m	≥38	39	ASTM D2578	
Density	g/cm ³	1.32±0.04	1.32	ASTM D792	

Remark:

- ☆ Printing Side: Double
- ☆ Unit Correlation: MPa=Kg/mm²×9.8 psi=Kg/mm²×1422.3

Address: Industrial Park of Tangzhuang, Weihui, Xinxiang City, Henan, China
Tel: 86-373-2175960 Fax: 86-373-2175955 Website: www.yjdfilm.com

Application:

☆ Widely used for normal bottle sleeves, labeling in the package of beverage, home care, body care, cosmetics etc.

☆ The film should be used at room temperature between 20 and 25°C and with a relative humidity between 50 and 60%.

Storage Conditions:

You can store YJD shrink films for up to 6 months. We guarantee film quality under the following storage conditions:

☆ Do not store in temperatures above 30°C(86°F) or below 10°C(50°F).

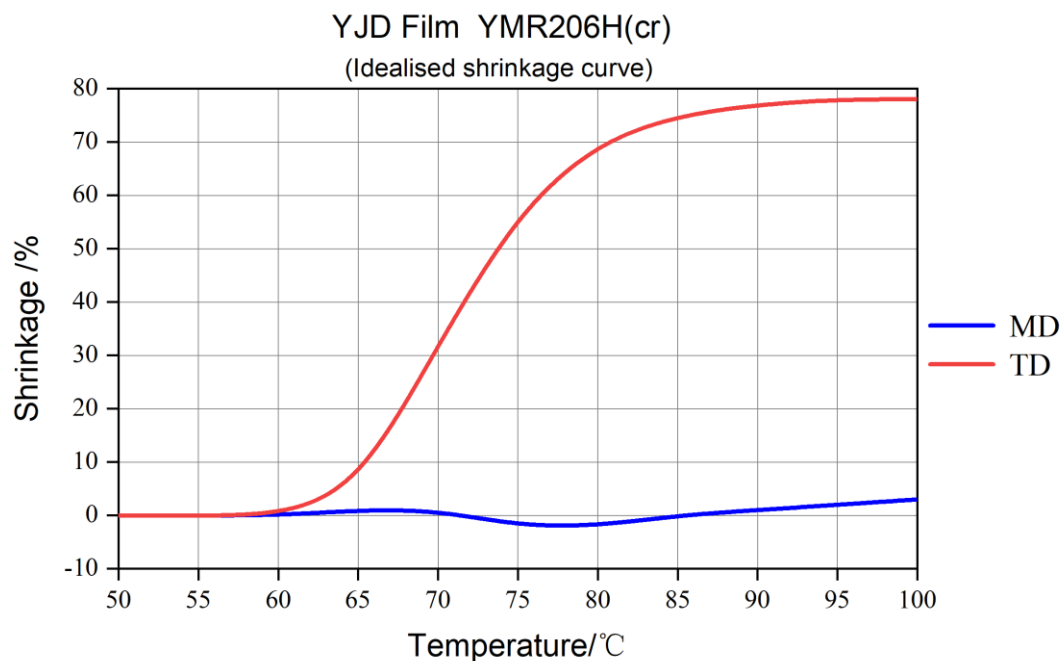
☆ Do not store in humidity above 65%.

☆ Do not expose to rapid temperature changes.

☆ Do not store in direct sunlight.

☆ For mechanical, moisture, and dust protection, store film in its original packaging.

Shrinkage Curve:



Remark:

☆ Data and curves are only for reference, not as acceptance criteria.

☆ Test condition: 10-s hot water bath contraction.

Address: Industrial Park of Tangzhuang, Weihui, Xinxiang City, Henan, China

Tel: 86-373-2175960 Fax: 86-373-2175955 Website: www.yjdfilm.com

Product Code: YMR206H(r)

Description:

- ☆ Rigid PETG shrink film for Shrink Sleeve Label application.
- ☆ Oriented in Transverse Direction, High shrinkage.
- ☆ It contains 30% PCR materials (post consumer recycled material), and contributes to environmental sustainability.
- ☆ Recommended for using in steam shrink tunnels.

Property Data:

Item	Unit	Requirement	Typical Value	Testing Method	
Thickness	μm	20~80	40,45,50	ASTM D374	
Thickness Tolerance	%	≤5	3		
Material yield	40μm	m ² /kg	/	18.9	/
	45μm		/	16.8	
	50μm		/	15.2	
Tensile Strength	MD	MPa	≥40	53	ASTM D882 v=100mm/min
	TD		≥180	263	
E-Modulus	MD	MPa	≥1500	1880	
	TD		≥3500	3930	
Elongation at Break	MD	%	≥300	460	
	TD		≥30	58	
Heat Shrinkage	MD	%	≤3	0	ASTM D1204 90°C/10sec/Water
	TD		≥70	74	
C.O.F	μs	--	≤0.60	0.406	ASTM D1894E
	μk		≤0.55	0.403	
Haze	%	≤7.0	4.19	ASTM D1003	
Gloss (45°)	--	≥100	110	ASTM D2457	
Dyne	mN/m	≥38	40	ASTM D2578	
Density	g/cm ³	1.32±0.03	1.32	ASTM D792	

Remark:

- ☆ Printing Side: Double
- ☆ Unit Correlation: MPa=Kg/mm²×9.8 psi=Kg/mm²×1422.3

Address: Industrial Park of Tangzhuang, Weihui, Xinxiang City, Henan, China

Tel: 86-373-2175960 Fax: 86-373-2175955 Website: www.yjdfilm.com

Application:

☆ Widely used for special shape bottle sleeves (big diameter difference between neck and body) ,whole body sleeve , complicated-shape bottle, labeling in the package of beverage, home care, body care, cosmetics etc.

☆ The film should be used at room temperature between 20 and 25°C and with a relative humidity between 50 and 60%.

Storage Conditions:

You can store YJD shrink films for up to 6 months. We guarantee film quality under the following storage conditions:

☆ Do not store in temperatures above 30°C(86°F) or below 10°C(50°F).

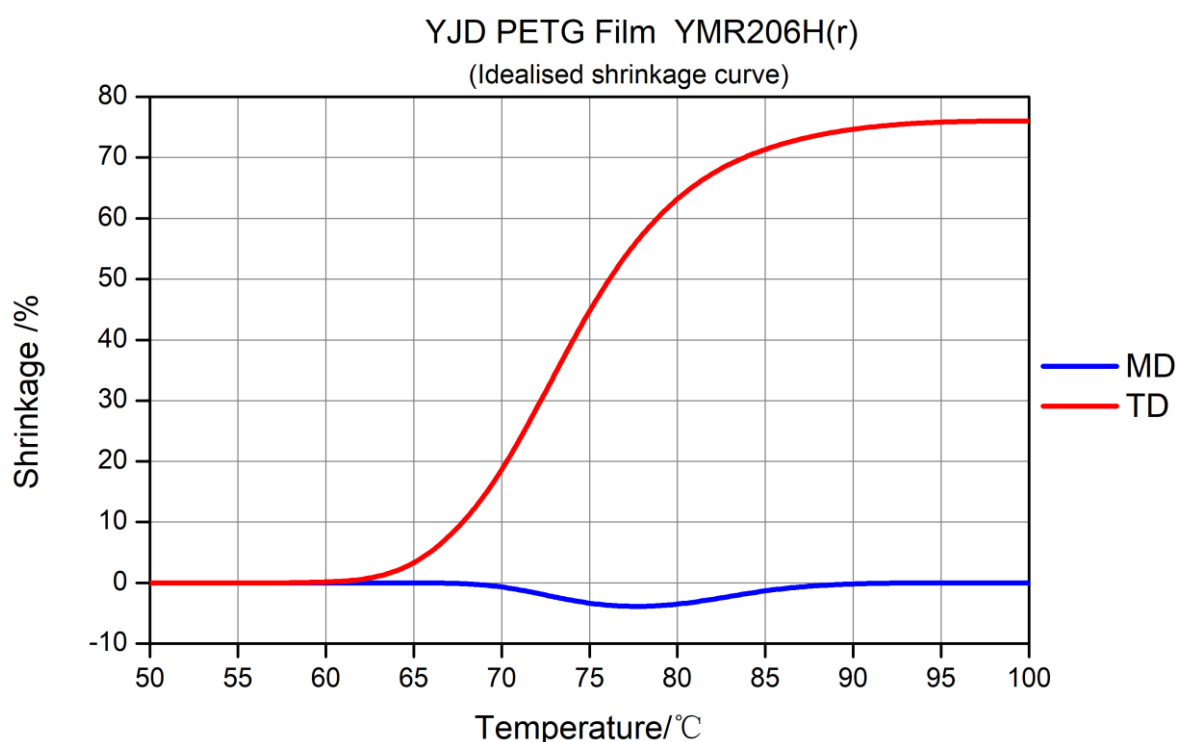
☆ Do not store in humidity above 65%.

☆ Do not expose to rapid temperature changes.

☆ Do not store in direct sunlight.

☆ For mechanical, moisture, and dust protection, store film in its original packaging.

Shrinkage Curve:



Remark:

☆ Data and curves are only for reference, not as acceptance criteria.

☆ Test condition: 10-s hot water bath contraction.

Address: Industrial Park of Tangzhuang, Weihui, Xinxiang City, Henan, China

Tel: 86-373-2175960 Fax: 86-373-2175955 Website: www.yjdfilm.com

Product Code: YMR206H(r)-50

Description:

- ☆ Rigid PETG shrink film for Shrink Sleeve Label application.
- ☆ Oriented in Transverse Direction, High shrinkage.
- ☆ It contains 50% PCR materials (post consumer recycled material), and contributes to environmental sustainability.
- ☆ Recommended for using in steam shrink tunnels.

Property Data:

Item	Unit	Requirement	Typical Value	Testing Method	
Thickness	μm	20~80	40,45,50	ASTM D374	
Thickness Tolerance	%	≤5	3		
Material yield	40μm	m ² /kg	/	18.9	/
	45μm		/	16.8	
	50μm		/	15.2	
Tensile Strength	MD	MPa	≥40	61	ASTM D882 v=100mm/min
	TD		≥180	300	
E-Modulus	MD	MPa	≥1500	1650	
	TD		≥3500	4710	
Elongation at Break	MD	%	≥300	490	
	TD		≥30	42	
Heat Shrinkage	MD	%	≤3	0.5	ASTM D1204 90°C/10sec/Water
	TD		≥70	74	
C.O.F	μs	--	≤0.60	0.407	ASTM D1894E
	μk		≤0.55	0.391	
Haze	%	≤7.0	4.20	ASTM D1003	
Gloss (45°)	--	≥100	108	ASTM D2457	
Dyne	mN/m	≥38	40	ASTM D2578	
Density	g/cm ³	1.32±0.03	1.32	ASTM D792	

Remark:

- ☆ Printing Side: Double
- ☆ Unit Correlation: MPa=Kg/mm²×9.8 psi=Kg/mm²×1422.3

Address: Industrial Park of Tangzhuang, Weihui, Xinxiang City, Henan, China

Tel: 86-373-2175960 Fax: 86-373-2175955 Website: www.yjdfilm.com

Application:

☆ Widely used for special shape bottle sleeves (big diameter difference between neck and body) ,whole body sleeve , complicated-shape bottle, labeling in the package of beverage, home care, body care, cosmetics etc.

☆ The film should be used at room temperature between 20 and 25°C and with a relative humidity between 50 and 60%.

Storage Conditions:

You can store YJD shrink films for up to 6 months. We guarantee film quality under the following storage conditions:

☆ Do not store in temperatures above 30°C(86°F) or below 10°C(50°F).

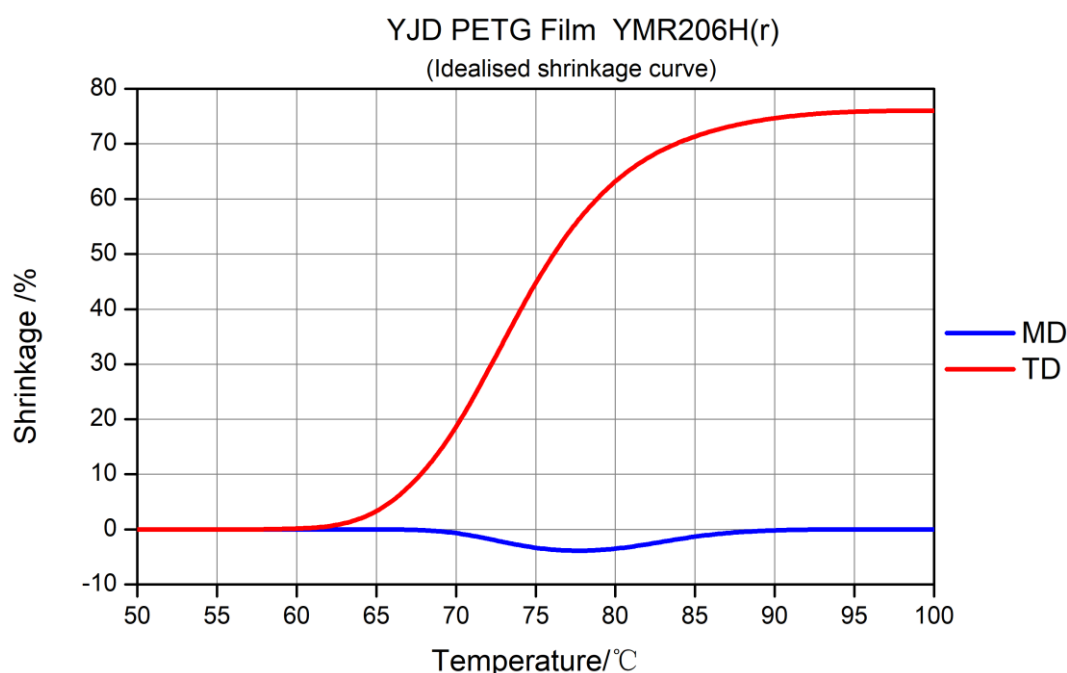
☆ Do not store in humidity above 65%.

☆ Do not expose to rapid temperature changes.

☆ Do not store in direct sunlight.

☆ For mechanical, moisture, and dust protection, store film in its original packaging.

Shrinkage Curve:



Remark:

☆ Data and curves are only for reference, not as acceptance criteria.

☆ Test condition: 10-s hot water bath contraction.

Address: Industrial Park of Tangzhuang, Weihui, Xinxiang City, Henan, China

Tel: 86-373-2175960 Fax: 86-373-2175955 Website: www.yjdfilm.com

Product Code: YMR206MF(c)
(Theoretical Simulation Data)

Description:

- ☆ PET (crystallizable) shrink film for Shrink Sleeve Label application.
- ☆ Sustainable and 100% Recyclable with PET Bottle.
- ☆ Oriented in Transverse Direction, middle shrinkage.
- ☆ Recommended for using in steam shrink tunnels.

Property Data:

Item	Unit	Requirement	Testing Method
Thickness	μm	20~80	ASTM D374
Thickness Tolerance	%	≤5	
Material yield	40μm	m ² /kg	/
	45μm	m ² /kg	/
Tensile Strength	MD	MPa	≥45
	TD		≥180
E-Modulus	MD	MPa	≥1200
	TD		≥3000
Elongation at Break	MD	%	≥300
	TD		≥25
Heat Shrinkage	MD	%	≤3
	TD		60~66
C.O.F	μs	--	≤0.60
	μk		≤0.55
Haze	%	≤7.0	ASTM D1003
Gloss (45°)	--	≥100	ASTM D2457
Dyne	mN/m	≥38	ASTM D2578
Density	g/cm ³	1.32±0.03	ASTM D792

Remark:

- ☆ Printing Side: Double
- ☆ Unit Correlation: MPa=Kg/mm²×9.8 psi=Kg/mm²×1422.3

Address: Industrial Park of Tangzhuang, Weihui, Xinxiang City, Henan, China
Tel: 86-373-2175960 Fax: 86-373-2175955 Website: www.yjdfilm.com

Application:

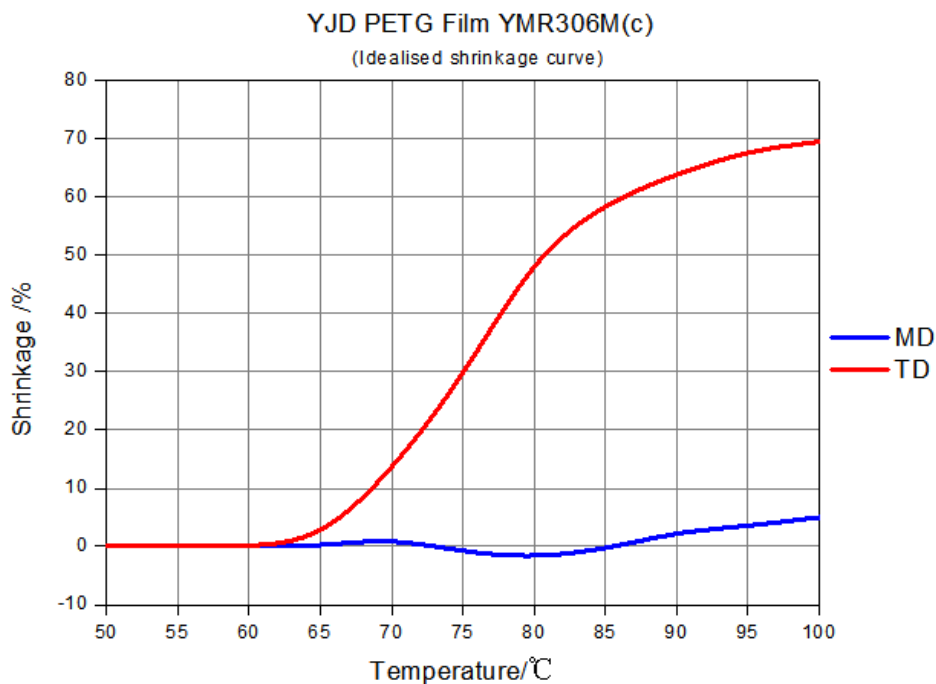
- ☆ Widely used for normal bottle sleeves, labeling in the package of beverage, home care, body care, cosmetics etc.
- ☆ The film should be used at room temperature between 20 and 25°C and with a relative humidity between 50 and 60%.

Storage Conditions:

You can store YJD shrink films for up to 6 months. We guarantee film quality under the following storage conditions:

- ☆ Do not store in temperatures above 30°C(86°F) or below 10°C(50°F).
- ☆ Do not store in humidity above 65%.
- ☆ Do not expose to rapid temperature changes.
- ☆ Do not store in direct sunlight.
- ☆ For mechanical, moisture, and dust protection, store film in its original packaging.

Shrinkage Curve:



Remark:

- ☆ Data and curves are only for reference, not as acceptance criteria.
- ☆ Test condition: 10-s hot water bath contraction.

Address: Industrial Park of Tangzhuang, Weihui, Xinxiang City, Henan, China
Tel: 86-373-2175960 Fax: 86-373-2175955 Website: www.yjdfilm.com

Product Code: YMR206MF(cr)

(Theoretical Simulation Data)

Description:

- ☆ C-PET (crystallizable PET) shrink film for Shrink Sleeve Label application.
- ☆ It contains 30% PCR materials (post consumer recycled material), and contributes to environmental sustainability.
- ☆ Sustainable and 100% Recyclable with PET Bottle.
- ☆ Oriented in Transverse Direction, Medium Shrinkage.
- ☆ Recommended for using in steam shrink tunnels.

Property Data:

Item		Unit	Requirement	Testing Method
Thickness		μm	20~80	ASTM D374
Thickness Tolerance		%	≤5	
Material yield	40μm	m ² /kg	/	/
	45μm		/	
Tensile Strength	MD	MPa	≥45	ASTM D882 v=100mm/min
	TD		≥180	
E-Modulus	MD		≥1200	
	TD		≥3000	
Elongation at Break	MD	%	≥300	
	TD		≥25	
Heat Shrinkage	MD	%	≤3	ASTM D1204 90°C/10sec/Water
	TD		60~66	
C.O.F	μs	--	≤0.60	ASTM D1894E
	μk		≤0.55	
Haze		%	≤7.0	ASTM D1003
Gloss (45°)		--	≥100	ASTM D2457
Dyne		mN/m	≥38	ASTM D2578
Density		g/cm ³	1.32±0.04	ASTM D792

Remark:

- ☆ Printing Side: Double
- ☆ Unit Correlation: MPa=Kg/mm²×9.8 ... psi=Kg/mm²×1422.3.

Application:

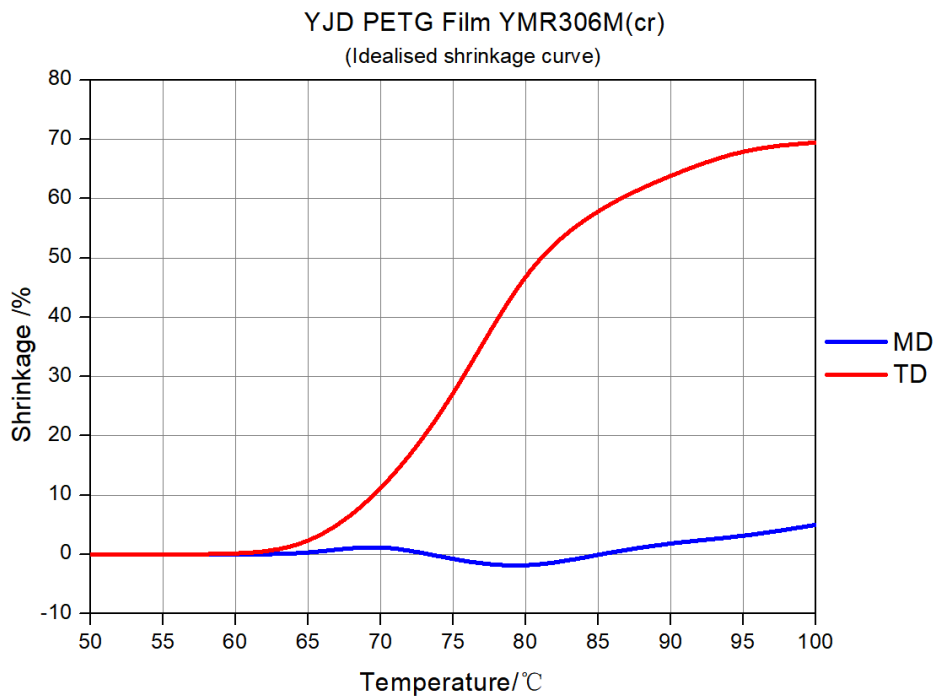
- ☆ Widely used for normal bottle sleeves, labeling in the package of beverage, home care, body care, cosmetics etc.
- ☆ The film should be used at room temperature between 20 and 25°C and with a relative humidity between 50 and 60%.

Storage Conditions:

You can store YJD shrink films for up to 6 months. We guarantee film quality under the following storage conditions:

- ☆ Do not store in temperatures above 30°C(86°F) or below 10°C(50°F).
- ☆ Do not store in humidity above 65%.
- ☆ Do not expose to rapid temperature changes.
- ☆ Do not store in direct sunlight.
- ☆ For mechanical, moisture, and dust protection, store film in its original packaging.

Shrinkage Curve:



Remark:

- ☆ Data and curves are only for reference, not as acceptance criteria.
- ☆ Test condition: 10-s hot water bath contraction.

Product Code: YMR206MF(cr)-50

(Theoretical Simulation Data)

Description:

- ☆ C-PET (crystallizable PET) shrink film for Shrink Sleeve Label application.
- ☆ It contains 50% PCR materials (post consumer recycled material), and contributes to environmental sustainability.
- ☆ Sustainable and 100% Recyclable with PET Bottle.
- ☆ Oriented in Transverse Direction, Medium Shrinkage.
- ☆ Recommended for using in steam shrink tunnels.

Property Data:

Item		Unit	Requirement	Testing Method
Thickness		μm	20~80	ASTM D374
Thickness Tolerance		%	≤5	
Material yield	40μm	m ² /kg	/	/
	45μm		/	
Tensile Strength	MD	MPa	≥45	ASTM D882 v=100mm/min
	TD		≥180	
E-Modulus	MD		≥1200	
	TD		≥3000	
Elongation at Break	MD	%	≥300	
	TD		≥25	
Heat Shrinkage	MD	%	≤3	ASTM D1204 90°C/10sec/Water
	TD		60~66	
C.O.F	μs	--	≤0.60	ASTM D1894E
	μk		≤0.55	
Haze		%	≤7.0	ASTM D1003
Gloss (45°)		--	≥100	ASTM D2457
Dyne		mN/m	≥38	ASTM D2578
Density		g/cm ³	1.32±0.04	ASTM D792

Remark:

- ☆ Printing Side: Double
- ☆ Unit Correlation: MPa=Kg/mm²×9.8 ... psi=Kg/mm²×1422.3...

Application:

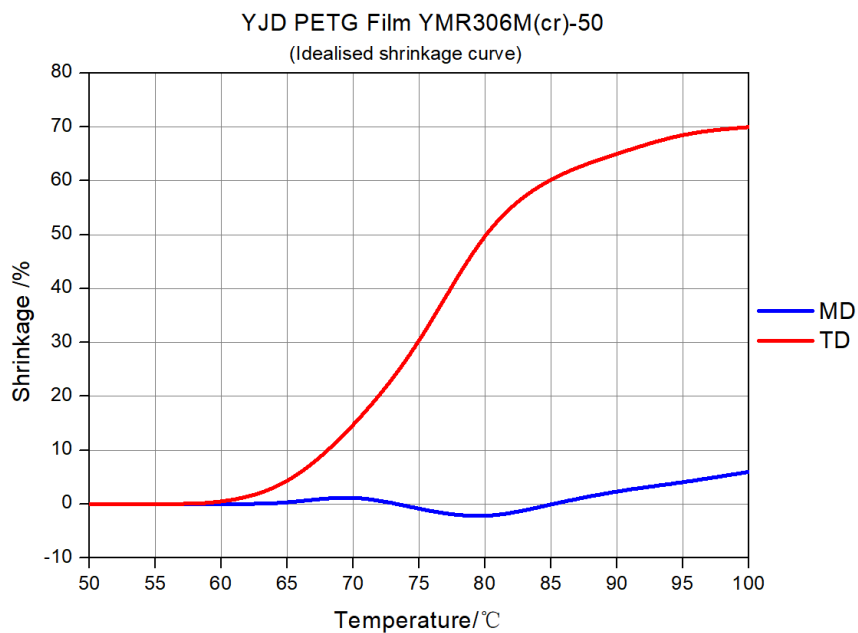
- ☆ Widely used for normal bottle sleeves, labeling in the package of beverage, home care, body care, cosmetics etc.
- ☆ The film should be used at room temperature between 20 and 25°C and with a relative humidity between 50 and 60%.

Storage Conditions:

You can store YJD shrink films for up to 6 months. We guarantee film quality under the following storage conditions:

- ☆ Do not store in temperatures above 30°C(86°F) or below 10°C(50°F).
- ☆ Do not store in humidity above 65%.
- ☆ Do not expose to rapid temperature changes.
- ☆ Do not store in direct sunlight.
- ☆ For mechanical, moisture, and dust protection, store film in its original packaging.

Shrinkage Curve:



Remark:

- ☆ Data and curves are only for reference, not as acceptance criteria.
- ☆ Test condition: 10-s hot water bath contraction.

Product Code: YMR206MF(r)

Description:

- ☆ Rigid PETG shrink film for Shrink Sleeve Label application.
- ☆ Oriented in Transverse Direction, High shrinkage.
- ☆ It contains 30% PCR materials (post consumer recycled material), and contributes to environmental sustainability.
- ☆ Recommended for using in steam shrink tunnels.

Property Data:

Item	Unit	Requirement	Typical Value	Testing Method	
Thickness	μm	20~80	40,45,50	ASTM D374	
Thickness Tolerance	%	≤5	3		
Material yield	40μm	m ² /kg	/	/	
	45μm		/		
	50μm		/		
Tensile Strength	MD	MPa	≥40	ASTM D882 v=100mm/min	
	TD		≥180		236
E-Modulus	MD	MPa	≥1500		1720
	TD		≥3500		
Elongation at Break	MD	%	≥300		490
	TD		≥30		
Heat Shrinkage	MD	%	≤3	0	
	TD		60-70		67
C.O.F	μs	--	≤0.60	0.467	
	μk		≤0.55		0.392
Haze	%	≤7.0	4.64	ASTM D1003	
Gloss (45°)	--	≥100	107	ASTM D2457	
Dyne	mN/m	≥38	40	ASTM D2578	
Density	g/cm ³	1.32±0.03	1.32	ASTM D792	

Remark:

- ☆ Printing Side: Double
- ☆ Unit Correlation: MPa=Kg/mm²×9.8 psi=Kg/mm²×1422.3

Application:

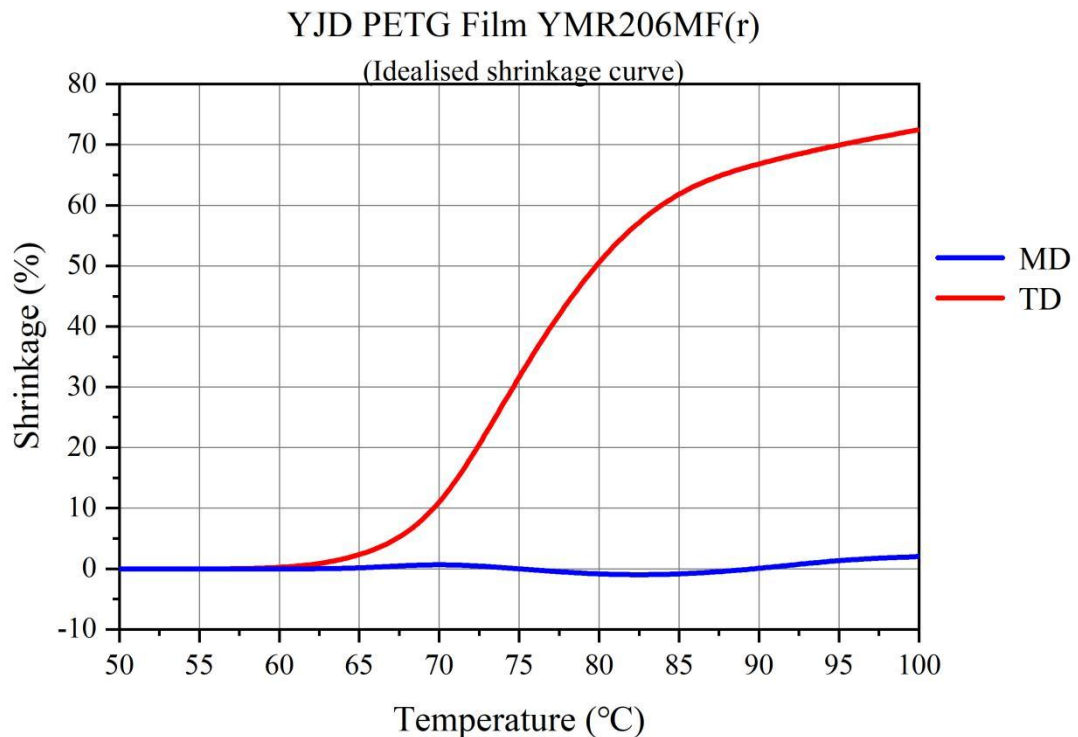
- ☆ Widely used for normal bottle sleeves, labeling in the package of beverage, home care, body care, cosmetics etc.
- ☆ The film should be used at room temperature between 20 and 25°C and with a relative humidity between 50 and 60%.

Storage Conditions:

You can store YJD shrink films for up to 6 months. We guarantee film quality under the following storage conditions:

- ☆ Do not store in temperatures above 30°C(86°F) or below 10°C(50°F).
- ☆ Do not store in humidity above 65%.
- ☆ Do not expose to rapid temperature changes.
- ☆ Do not store in direct sunlight.
- ☆ For mechanical, moisture, and dust protection, store film in its original packaging.

Shrinkage Curve:



Remark:

- ☆ Data and curves are only for reference, not as acceptance criteria.
- ☆ Test condition: 10-s hot water bath contraction.

Product Code: YMR206MF(r)-50

Description:

- ☆ Rigid PETG shrink film for Shrink Sleeve Label application.
- ☆ Oriented in Transverse Direction, High shrinkage.
- ☆ It contains 50% PCR materials (post consumer recycled material), and contributes to environmental sustainability.
- ☆ Recommended for using in steam shrink tunnels.

Property Data:

Item	Unit	Requirement	Typical Value	Testing Method	
Thickness	µm	20~80	40,45	ASTM D374	
Thickness Tolerance	%	≤5	3		
Material yield	40µm	m ² /kg	/	18.9	/
	45µm		/		
Tensile Strength	MD	MPa	≥40	65	ASTM D882 v=100mm/min
	TD		≥180	280	
E-Modulus	MD	≥1500	1900		
	TD	≥3500	4300		
Elongation at Break	MD	%	≥300	490	
	TD		≥30	40	
Heat Shrinkage	MD	%	≤3	1	ASTM D1204 90°C/10sec/Water
	TD		60±10	58	
C.O.F	µs	--	≤0.60	0.409	ASTM D1894E
	µk		≤0.55	0.381	
Haze	%	≤7.0	4.0	ASTM D1003	
Gloss (45°)	--	≥100	108	ASTM D2457	
Dyne	mN/m	≥38	40	ASTM D2578	
Density	g/cm ³	1.32±0.03	1.32	ASTM D792	

Remark:

- ☆ Printing Side: Double
- ☆ Unit Correlation: MPa=Kg/mm²×9.8 psi=Kg/mm²×1422.3

Application:

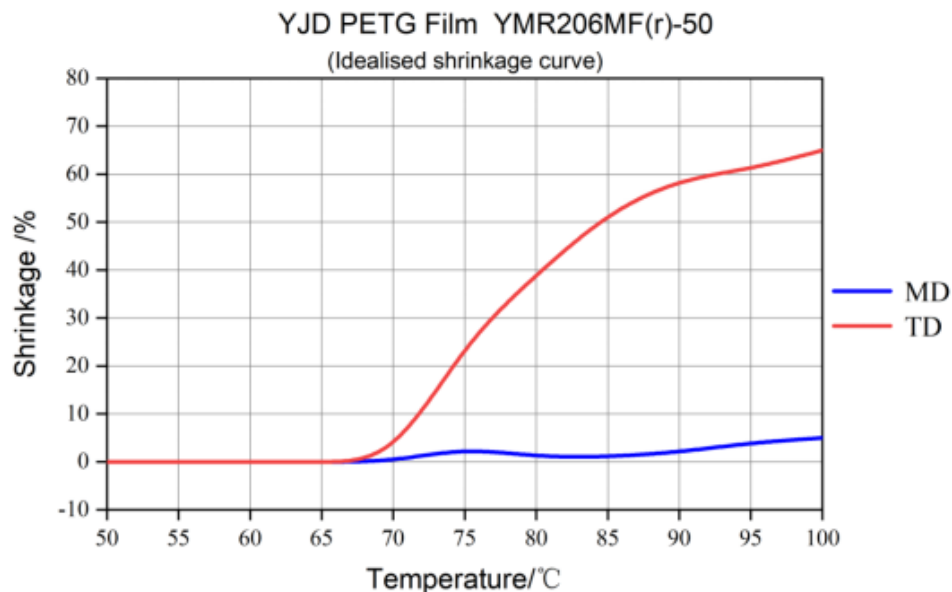
- ☆ Widely used for normal bottle sleeves, labeling in the package of beverage, home care, body care, cosmetics etc.
- ☆ The film should be used at room temperature between 20 and 25°C and with a relative humidity between 50 and 60%.

Storage Conditions:

You can store YJD shrink films for up to 6 months. We guarantee film quality under the following storage conditions:

- ☆ Do not store in temperatures above 30°C(86°F) or below 10°C(50°F).
- ☆ Do not store in humidity above 65%.
- ☆ Do not expose to rapid temperature changes.
- ☆ Do not store in direct sunlight.
- ☆ For mechanical, moisture, and dust protection, store film in its original packaging.

Shrinkage Curve:



Remark:

- ☆ Data and curves are only for reference, not as acceptance criteria.
- ☆ Test condition: 10-s hot water bath contraction.

Product Code: YMR286H(c)
(Theoretical Simulation Data)

Description:

- ☆ C-PET (crystallizable PET) High shrink film for Shrink Sleeve Label application.
- ☆ Sustainable and 100% Recyclable with PET Bottle.
- ☆ Oriented in Transverse Direction, High shrinkage.
- ☆ Recommended for using in steam shrink tunnels.

Property Data:

Item	Unit	Requirement	Testing Method	
Thickness	μm	20~80	ASTM D374	
Thickness Tolerance	%	≤5		
Material yield	40μm	m ² /kg	/	
	45μm		/	
Tensile Strength	MD	MPa	≥40	
	TD		≥180	
E-Modulus	MD		≥1200	ASTM D882 v=100mm/min
	TD		≥3000	
Elongation at Break	MD	%	≥300	
	TD		≥30	
Heat Shrinkage	MD	%	≤3	
	TD		≥70	
C.O.F	μs	--	≤0.60	
	μk		≤0.55	
Haze	%		≤7.0	
Gloss (45°)	--		≥100	
Dyne	mN/m		≥38	
Density	g/cm ³		1.32±0.03	

Remark:

- ☆ Printing Side: Double
- ☆ Unit Correlation: MPa=Ka/mm²×9.8 psi=Ka/mm²×1422.3

Application:

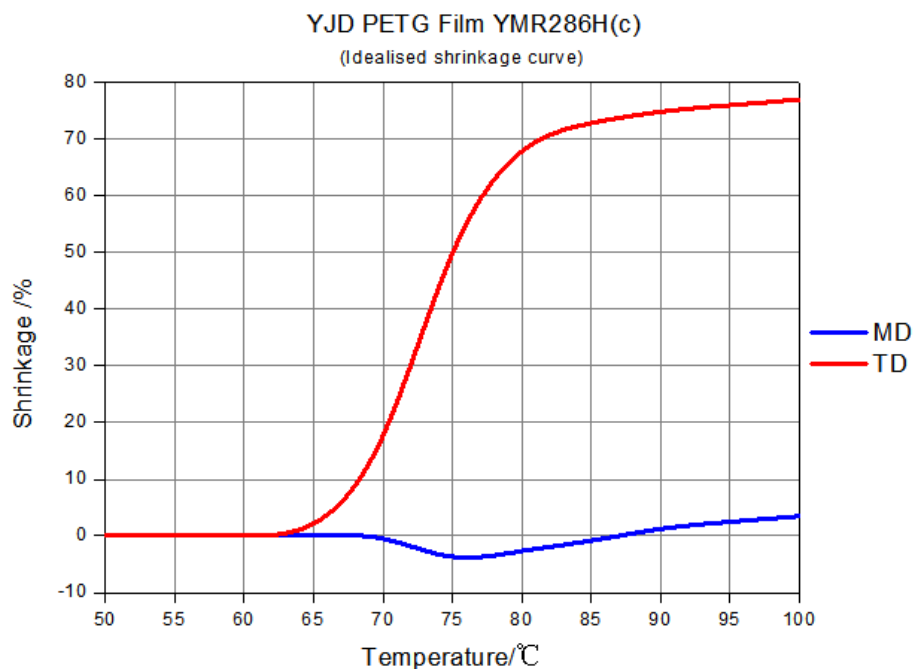
- ☆ Widely used for normal bottle sleeves, labeling in the package of beverage, home care, body care, cosmetics etc.
- ☆ The film should be used at room temperature between 20 and 25°C and with a relative humidity between 50 and 60%.

Storage Conditions:

You can store YJD shrink films for up to 6 months. We guarantee film quality under the following storage conditions:

- ☆ Do not store in temperatures above 30°C(86°F) or below 10°C(50°F).
- ☆ Do not store in humidity above 65%.
- ☆ Do not expose to rapid temperature changes.
- ☆ Do not store in direct sunlight.
- ☆ For mechanical, moisture, and dust protection, store film in its original packaging.

Shrinkage Curve:



Remark:

- ☆ Data and curves are only for reference, not as acceptance criteria.
- ☆ Test condition: 10-s hot water bath contraction.

Product Code: YMR286H(cr)

(Theoretical Simulation Data)

Description:

- ☆ C-PET (crystallizable PET) shrink film for Shrink Sleeve Label application.
- ☆ It contains 30% PCR materials (post consumer recycled material), and contributes to environmental sustainability.
- ☆ Sustainable and 100% Recyclable with PET Bottle.
- ☆ Oriented in Transverse Direction, High shrinkage.
- ☆ Recommended for using in steam shrink tunnels.

Property Data:

Item	Unit	Requirement	Testing Method	
Thickness	μm	20~80	ASTM D374	
Thickness Tolerance	%	≤5		
Material yield	40μm	m ² /kg	/	/
	45μm	m ² /kg	/	
Tensile Strength	MD	MPa	≥40	ASTM D882 v=100mm/min
	TD		≥180	
E-Modulus	MD		≥1200	
	TD		≥3000	
Elongation at Break	MD	%	≥300	
	TD		≥30	
Heat Shrinkage	MD	%	≤3	ASTM D1204 85°C/10sec/Water
	TD		≥70	
C.O.F	μs	--	≤0.60	ASTM D1894E
	μk		≤0.55	
Haze	%	≤7.0	ASTM D1003	
Gloss (45°)	--	≥100	ASTM D2457	
Dyne	mN/m	≥38	ASTM D2578	
Density	g/cm ³	1.32±0.03	ASTM D792	

Remark:

- ☆ Printing Side: Double
- ☆ Unit Correlation: MPa=Kg/mm²×9.8 psi=Kg/mm²×1422.3

Application:

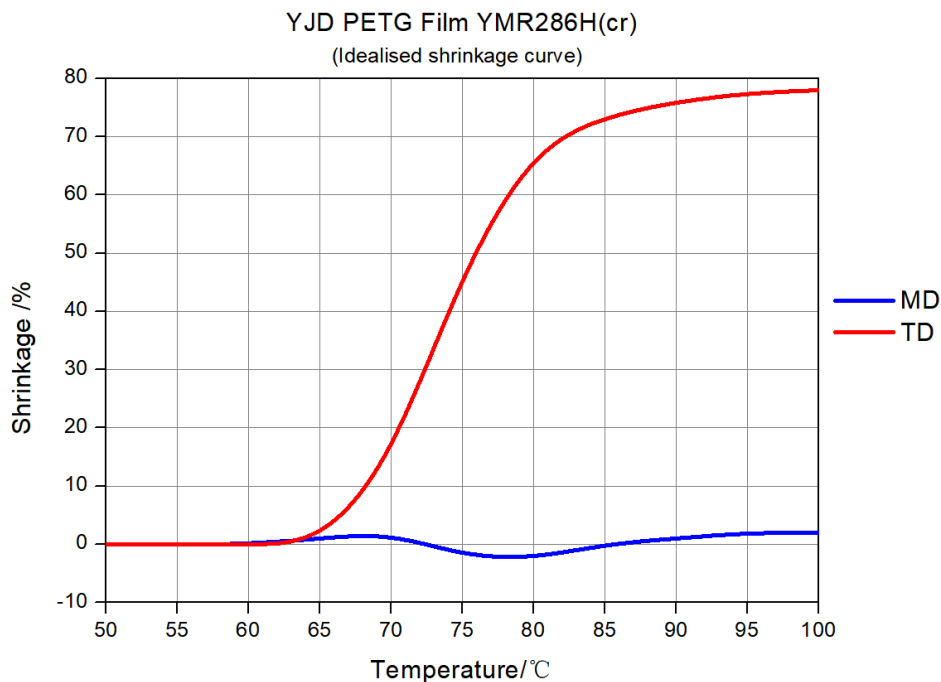
- ☆ Widely used for normal bottle sleeves, labeling in the package of beverage, home care, body care, cosmetics etc.
- ☆ The film should be used at room temperature between 20 and 25°C and with a relative humidity between 50 and 60%.

Storage Conditions:

You can store YJD shrink films for up to 6 months. We guarantee film quality under the following storage conditions:

- ☆ Do not store in temperatures above 30°C(86°F) or below 10°C(50°F).
- ☆ Do not store in humidity above 65%.
- ☆ Do not expose to rapid temperature changes.
- ☆ Do not store in direct sunlight.
- ☆ For mechanical, moisture, and dust protection, store film in its original packaging.

Shrinkage Curve:



Remark:

- ☆ Data and curves are only for reference, not as acceptance criteria.
- ☆ Test condition: 10-s hot water bath contraction.

YJD PETG shrink-film product:

Ttype	Property	Application	TD Shrinkage	Temperature	the max TD shrink (100°C/10s)	Shrink force (15mm width, 10cm length)	Remark
YMR206H	High shrinkage	normal bottle sleeves, labeling in the package of beverage, home care, body care, cosmetics etc.	TD>=70, MD<=3%	90°C/10s	78	10	Regular
YMR206MF	Medium shrinkage	normal bottle sleeves, labeling in the package of beverage, home care, body care, cosmetics etc.	TD60-70, MD<=3%	90°C/10s	72	8	Regular
YMR206L	Low shrinkage	common shape bottle (midium diameter difference between bottleneck and body) labeling in the package of beverage drinks, cleaning and bathing commodities	TD50-55, MD<=3%	90°C/10s	58	8	Regular
YMR286H	High shrinkage at Low temperature	normal bottle sleeves, labeling in the package of beverage, home care, body care, cosmetics etc	TD>=70, MD<=3%	85°C/10s	79	10	Regular
YMR586H	High transmittance low haze	normal bottle sleeves, labeling in the package of beverage, home care, body care, cosmetics etc.	TD>=70, MD<=3%	80°C/10s	79	10	Specail
YMR206H(c)	CPET(crystallizable)	Same as 206H	TD>=70, MD<=3%	90°C/10s	76	10	Specail
YMR206H(r)	30%PCR	Same as 206H	TD>=70, MD<=3%	90°C/10s	78	10	Specail
YMR206H(r)-50	50%PCR	Same as 206H	TD>=70, MD<=3%	90°C/10s	78	10	Specail
YMR206H(cr)	PCR&CPET	Same as 206H	TD>=70, MD<=3%	90°C/10s	76	10	Specail
YBR206H35	Biaxially oriented	special shape bottle (big diameter difference between bottleneck and body) labeling in the package of beverage drinks, cleaning and bathing commodities, cosmetics, wash off label etc.	TD>=70, MD30-40%	90°C/10s	78	10	Specail
YMR303H	Low shrink force	normal bottle sleeves, labeling in the package of beverage, home care, body care, cosmetics etc.	TD>=70, MD<=3%	85°C/10s	79	4	Specail
YMR303H(s)	Low shrink force	normal bottle sleeves, labeling in the package of beverage, home care, body care, cosmetics etc.	TD>=70, MD<=3%	85°C/10s	79	4	Specail
YMR303MF	Low shrink force	normal bottle sleeves, labeling in the package of beverage, home care, body care, cosmetics etc	TD60-70, MD<=3%	85°C/10s	72	3	Specail
YBR506H	White film	dairy products, fruit juice, red wine coffee and vitamin products that need UV-blocking.	TD>=70, MD<=3%	90°C/10s	78	10	Regular
YBR506M	White film	dairy products, fruit juice, red wine coffee and vitamin products that need UV-blocking.	TD60-70, MD<=3%	90°C/10s	72	9	Regular
YBR506HB	Blace&white	dairy products, fruit juice, red wine and vitamin products that need UV- blocking all kinds of visible light, ultraviolet, infrared etc, thus greatly reducing the production, transportation, storage and other costs.	TD>=70, MD<=3%	90°C/10s	79	10	Specail
YBR506MB	Blace&white	dairy products, fruit juice, red wine and vitamin products that need UV- blocking all kinds of visible light, ultraviolet, infrared etc, thus greatly reducing the production, transportation, storage and other costs.	TD60-70, MD<=3%	90°C/10s	72	9	Specail
YBR606H(f)	floatable	normal bottle sleeves, labeling in the package of beverage, home care, body care, cosmetics , especially products that required Separation as per international recycling guidelines etc.	TD65, MD<=5%	95°C/10s	69	1,8	Specail