

Product Code: YMR206H-UV

Description:

- ☆ Replace the white bottom material, blocking most part UV light.
- ☆ Rigid PETG shrink film for Shrink Sleeve Label application.
- ☆ 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	ASTM D374
Thickness Tolerance		%	≤5	3	
Material yield	40μm	m²/kg	/	18.9	/
	45μm		/	16.8	
Tensile Strength	MD	MPa	≥45	58	ASTM D882 v=100mm/min
	TD		≥180	260	
E-Modulus	MD		≥1200	1620	
	TD		≥3000	4300	
Elongation at Break	MD	%	≥300	490	
	TD		≥25	50	
Heat Shrinkage	MD	%	≤5	1	ASTM D1204 90°C/10sec/Water
	TD		≥70	72	
C.O.F	μs	--	≤0.60	0.391	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/cm³	1.32±0.03	1.32	ASTM D792

Remark:

- ☆ Printing Side: Double
- ☆ Unit Correlation: MPa=Kg/mm²×9.8 psi=Kg/mm²×1422.3
- ☆ The MD shrinkage can be adjusted between 10% and 50%

Application:

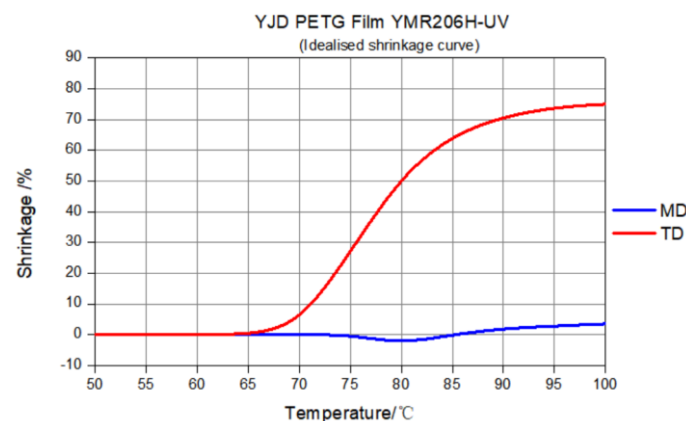
- ☆ Widely used for normal bottle sleeves, labeling in the package of beverage, home care, body care, cosmetics, especially products that need UV-blocking etc.
- ☆ The film should be used at room temperature between 20 and 25°C and with a relative humidity between 50 and 60%.

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.

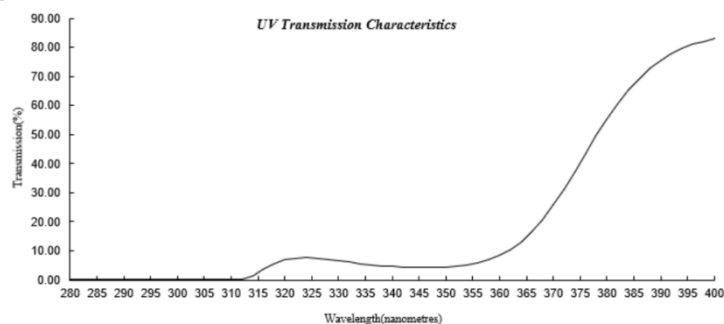
Shrinkage Curve:



Remark:

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

UV-Blocking Curve:



Product Code: YMR303MF-UV

(Theoretical Simulation Data)

Description:

- ☆ Replace the white bottom material, blocking most part UV light.
- ☆ Rigid PETG shrink film for Shrink Sleeve Label application.
- ☆ Oriented in Transverse Direction, middle shrinkage.
- ☆ Low shrink force and shrink speed Smooth shrink curve.
- ☆ Recommended for using in steam or electrical heating shrink tunnels.

Property Data:

Item		Unit	Requirement	Testing Method
Thickness		μm	20~80	ASTM D374
Thickness Tolerance		%	≤5	
Material yield	50μm	m ² /kg	15.4±0.2	/
Tensile Strength	MD	MPa	≥35	ASTM D882 v=100mm/min
	TD		≥80	
E-Modulus	MD		≥1200	
	TD		≥2000	
Elongation at Break	MD	%	≥300	
	TD		≥25	
Heat Shrinkage	MD	%	≤5	ASTM D1204 90°C/10sec/Water
	TD		60-70	
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	1.30±0.04	ASTM D792

Remark:

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

Application:

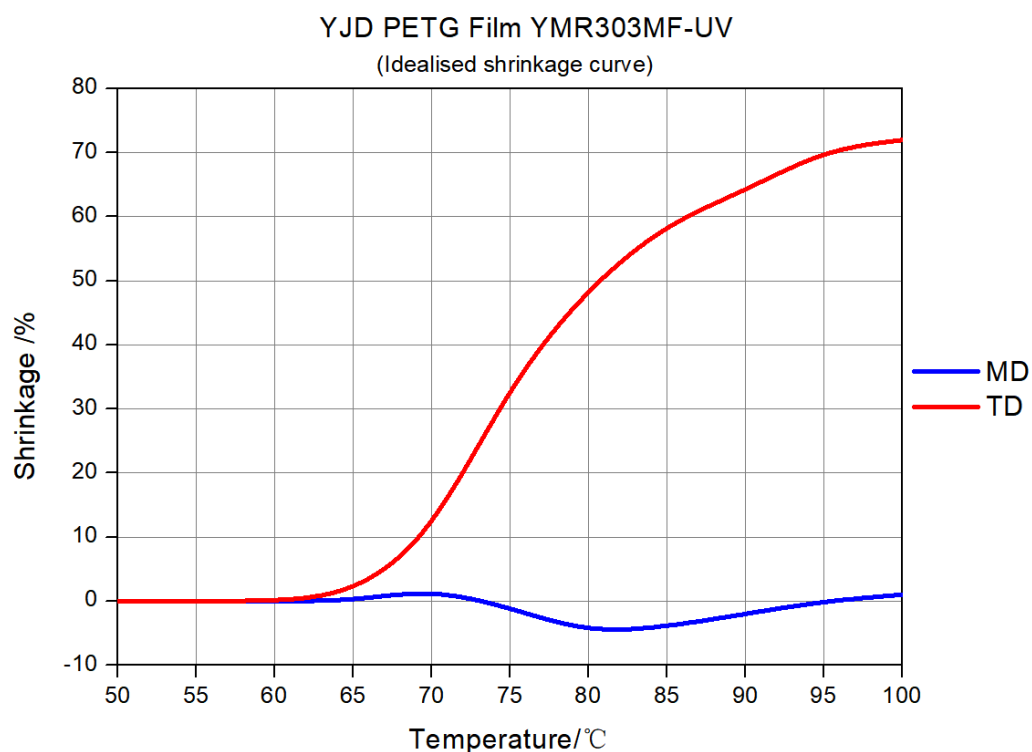
- ☆ Widely used for normal bottle sleeves, labeling in the package of beverage, home care, body care, cosmetics, especially products that need UV-blocking etc.
- ☆ The film should be used at room temperature between 20 and 25°C and with a relative humidity between 50 and 60%.

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: YBR506H

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	51	ASTM D882 v=100mm/min
	TD		≥150	260	
E-Modulus	MD		≥1300	1610	
	TD		≥3000	5420	
Elongation at Break	MD	%	≥300	450	
	TD		≥25	30	
Heat Shrinkage	MD	%	≤5	0	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±0.03	1.38	ASTM D792

Remark:

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

Application:

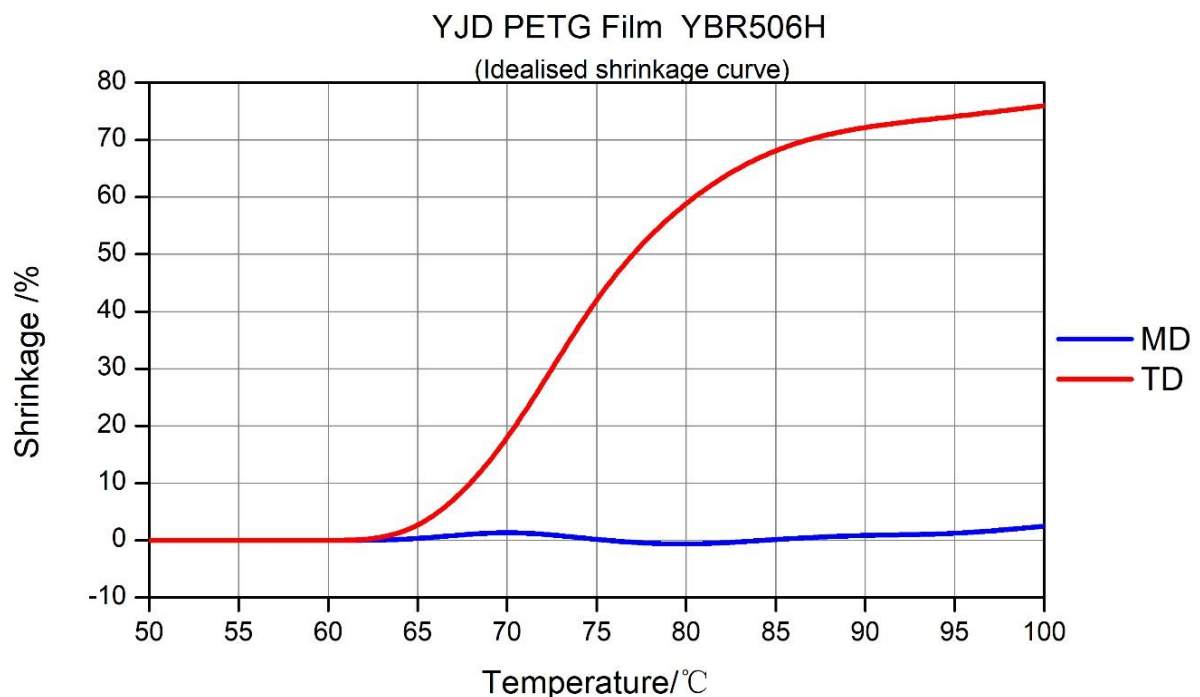
- ☆ Ideal packaging materials used for dairy products, fruit juice, red wine coffee and vitamin products that need UV-blocking.
- ☆ The film should be used at room temperature between 20 and 25°C and with a relative humidity between 50 and 60%.

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: YBR506HB

Description:

- ☆ Black/White heat shrink film for high valued label, special required label.
- ☆ Oriented in Transverse Direction, High shrinkage.
- ☆ High barrier for blocking all kinds of visible light, ultraviolet, infrared, etc.
- ☆ Recommended for using 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	/	17.5	/
	45μm		/	15.6	
Tensile Strength	MD	MPa	≥35	48	ASTM D882 v=100mm/min
	TD		≥150	271	
E-Modulus	MD		≥1300	1750	
	TD		≥3000	5430	
Elongation at Break	MD	%	≥300	400	
	TD		≥25	33	
Heat Shrinkage	MD	%	≤5	0	ASTM D1204 90°C/10sec/Water
	TD		≥70	76	
C.O.F	μs	--	≤0.60	0.362	ASTM D1894E
	μk		≤0.55	0.326	
Haze		%	≥100	103	ASTM D1003
Gloss (45°)		--	/	43	ASTM D2457
Dyne		mN/m	≥38	40	ASTM D2578
Density		g/cm ³	1.45±0.03	1.45	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).

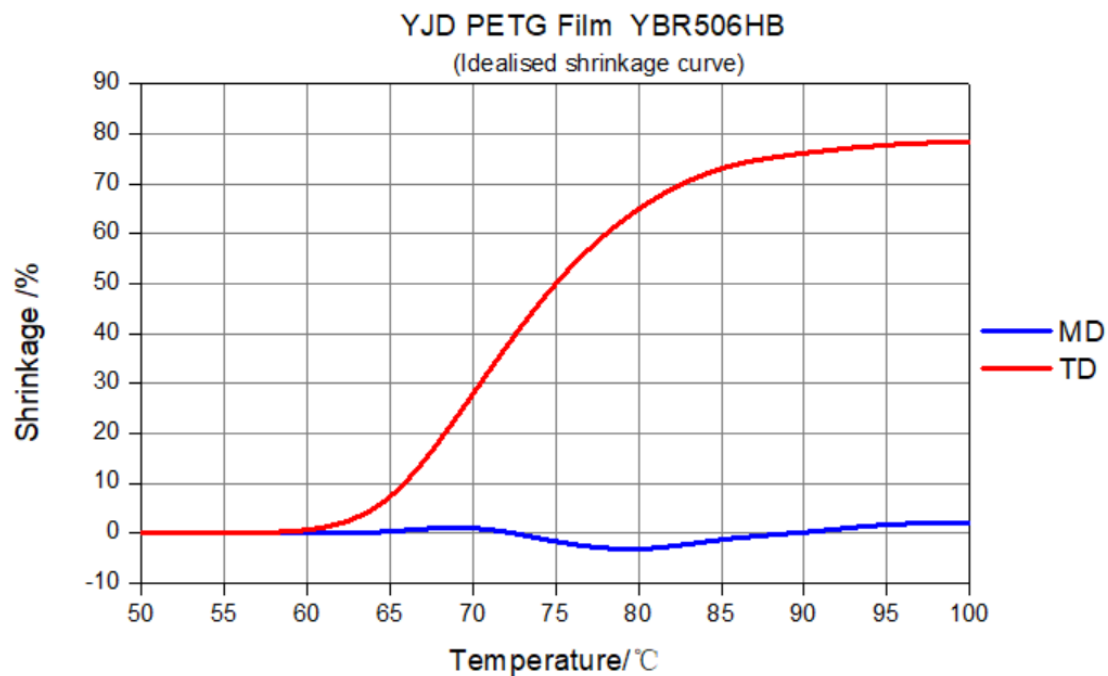
☆ Do not store in humidity above 65%.

☆ 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: YBR506M

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	/	17.9	/
	45μm		/	15.9	
Tensile Strength	MD	MPa	≥35	50	ASTM D882 v=100mm/min
	TD		≥150	230	
E-Modulus	MD		≥1300	1750	
	TD		≥3000	4470	
Elongation at Break	MD	%	≥300	450	
	TD		≥25	46	
Heat Shrinkage	MD	%	0±5	0	ASTM D1204 90°C/10sec/Water
	TD		60±5	57	
C.O.F	μs	--	≤0.60	0.402	ASTM D1894E
	μk		≤0.55	0.399	
Haze		%	≥100	102	ASTM D1003
Gloss (45°)		--	/	75	ASTM D2457
Whiteness		%	≥80	82	GB/T2913-1982
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:

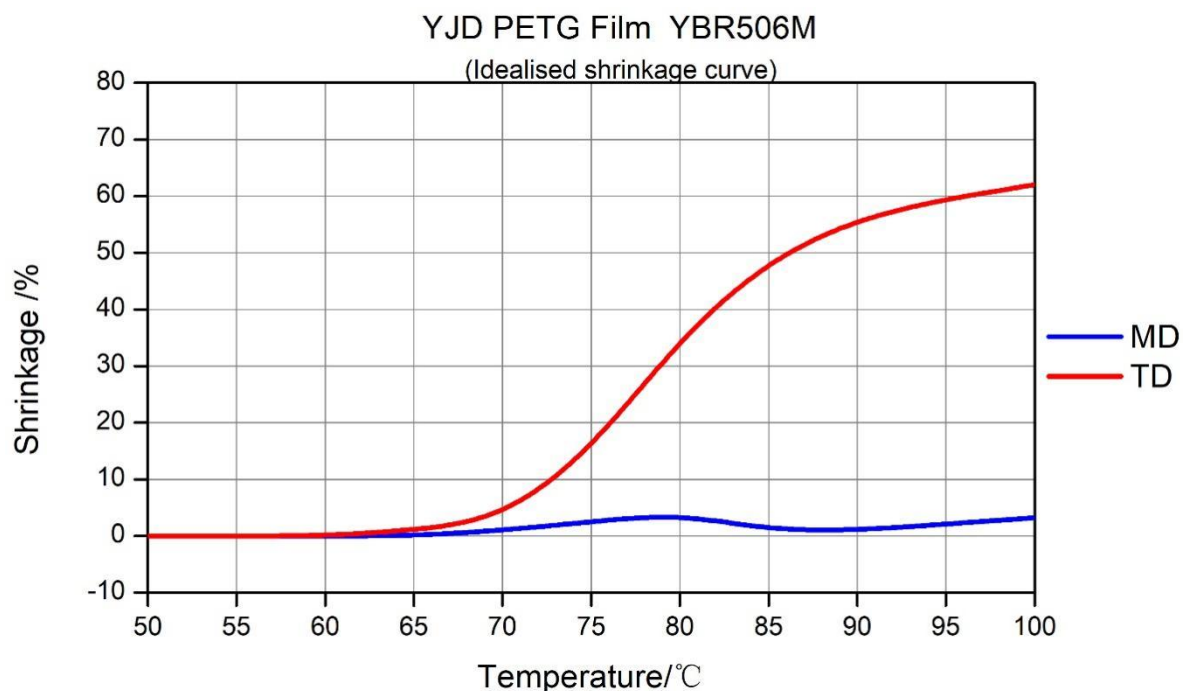
- ☆ Ideal packaging materials used for dairy products, fruit juice, red wine coffee and vitamin products that need UV-blocking.
- ☆ The film should be used at room temperature between 20 and 25°C and with a relative humidity between 50 and 60%.

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.

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).

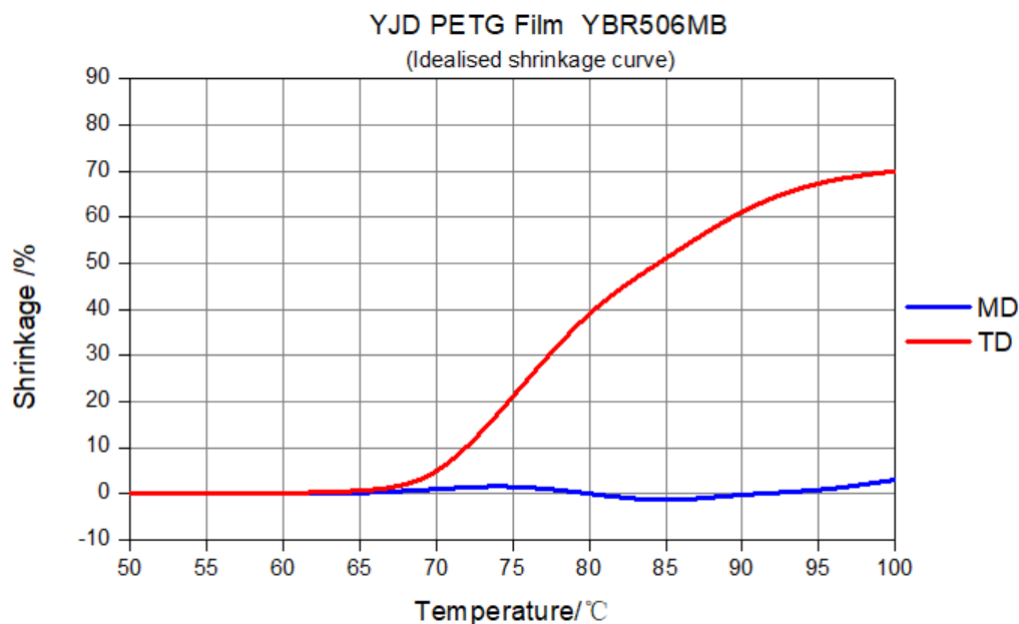
☆ Do not store in humidity above 65%.

☆ 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: YBR506MB

Description:

- ☆ Black/White heat shrink film for high valued label, special required label.
- ☆ Oriented in Transverse Direction, middle shrinkage.
- ☆ 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	/	17.5	/
	45μm		/	15.6	
Tensile Strength	MD	MPa	≥35	50	ASTM D882 v=100mm/min
	TD		≥150	217	
E-Modulus	MD		≥1300	1860	
	TD		≥3000	4520	
Elongation at Break	MD	%	≥300	420	
	TD		≥25	44	
Heat Shrinkage	MD	%	0±5	0	ASTM D1204 90°C/10sec/Water
	TD		60±5	61	
C.O.F	μs	--	≤0.60	0.354	ASTM D1894E
	μk		≤0.55	0.336	
Haze		%	≥100	97	ASTM D1003
Gloss (45°)		--	/	40	ASTM D2457
Dyne		mN/m	≥38	40	ASTM D2578
Density		g/cm ³	1.45±0.03	1.45	ASTM D792

Remark:

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

Product Code: YBR206H35 ($\geq 70\%$)

Description:

- ☆ Rigid PETG shrink film for Shrink Sleeve Label application.
- ☆ Oriented in Both 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	ASTM D374
Thickness Tolerance		%	≤ 5	3	
Material yield	40 μm	m^2/kg	/	18.9	/
	45 μm		/	16.8	
Tensile Strength	MD	MPa	≥ 60	107	ASTM D882 v=100mm/min
	TD		≥ 180	330	
E-Modulus	MD		≥ 1500	1750	
	TD		≥ 2500	4540	
Elongation at Break	MD	%	≥ 250	280	
	TD		≥ 25	50	
Heat Shrinkage	MD	%	35 ± 5	35	ASTM D1204 90°C/10sec/Water
	TD		≥ 70	72	
C.O.F	μs	--	≤ 0.60	0.403	ASTM D1894E
	μk		≤ 0.55	0.364	
Haze		%	≤ 7.0	5.0	ASTM D1003
Gloss (45°)		--	≥ 100	109	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: $\text{MPa} = \text{Kg}/\text{mm}^2 \times 9.8$ $\text{psi} = \text{Kg}/\text{mm}^2 \times 1422.3$
- ☆ The MD shrinkage can be adjusted between 10% and 50%

Application:

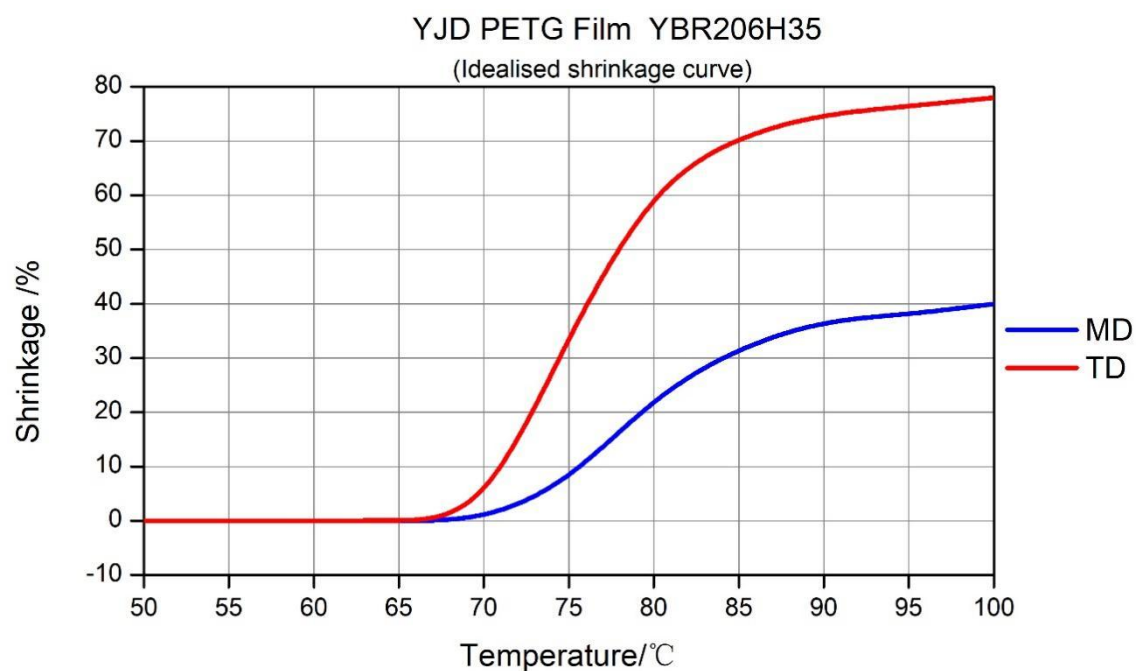
- ☆ Widely used for special shape bottle (big diameter difference between bottleneck and body) labeling in the package of beverage drinks, cleaning and bathing commodities, cosmetics, wash off label etc.
- ☆ The film should be used at room temperature between 20 and 25°C and with a relative humidity 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: YMR303H

Description:

- ☆ Rigid PETG shrink film for Shrink Sleeve Label application.
- ☆ Oriented in Transverse Direction, High shrinkage
- ☆ Low shrink force and shrink speed Smooth shrink curve
- ☆ Recommended for using in steam or electrical heating 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	/	19.2	/
	45μm		/	17.1	
Tensile Strength	MD	MPa	≥40	52	ASTM D882 v=100mm/min
	TD		≥120	161	
E-Modulus	MD		≥1200	1820	
	TD		≥2200	2960	
Elongation at Break	MD	%	≥300	480	
	TD		≥25	48	
Heat Shrinkage	MD	%	≤5	-0.5	ASTM D1204 85°C/10sec/Water
	TD		≥70	74	
C.O.F	μs	--	≤0.60	0.361	ASTM D1894E
	μk		≤0.55	0.346	
Haze		%	≤7.0	5.2	ASTM D1003
Gloss (45°)		--	≥100	110	ASTM D2457
Dyne		mN/m	≥38	40	ASTM D2578
Density		g/cm ³	1.30±0.03	1.30	ASTM D792

Remark:

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

Application:

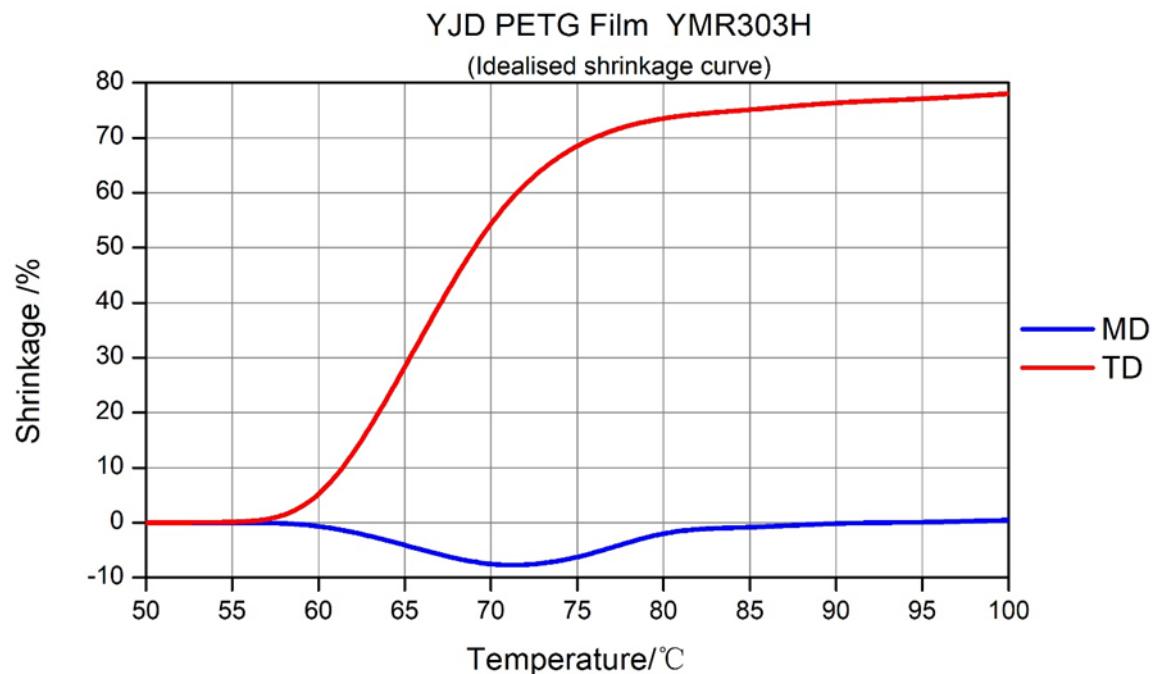
- ☆ Widely used for special shape bottle sleeves (big diameter difference between neck and body) ,whole body sleeve , complicated-shape bottle, labeling in the package of beverage, home care, body care, cosmetics etc.
- ☆ The film should be used at room temperature between 20 and 25°C and with a relative 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.

Product Code: YMR303H(s)

(Theoretical Simulation Data)

Description:

- ☆ Rigid PETG shrink film for Shrink Sleeve Label application.
- ☆ Oriented in Transverse Direction, High shrinkage
- ☆ Low shrink force and shrink speed Smooth shrink curve
- ☆ Recommended for using in steam or electrical heating shrink tunnels.

Property Data:

Item		Unit	Requirement	Typical Value	Testing Method
Thickness		μm	20~80	40	ASTM D374
Thickness Tolerance		%	≤5	4	
Tensile Strength	MD	MPa	≥40	55	ASTM D882 v=100mm/min
	TD		≥120	265	
E-Modulus	MD		≥1200	1470	
	TD		≥2200	4800	
Elongation at Break	MD	%	≥300	430	
	TD		≥25	35	
Heat Shrinkage	MD	%	≤5	3.0	ASTM D1204 85°C/10sec/Water
	TD		≥70	77	
C.O.F	μs	--	≤0.60	0.450	ASTM D1894E
	μk		≤0.55	0.438	
Haze		%	≤7.0	4.2	ASTM D1003
Gloss (45°)		--	≥100	118	ASTM D2457
Dyne		mN/m	≥38	40	ASTM D2578
Density		g/cm ³	1.30±0.04	1.30	ASTM D792

Remark:

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

Application:

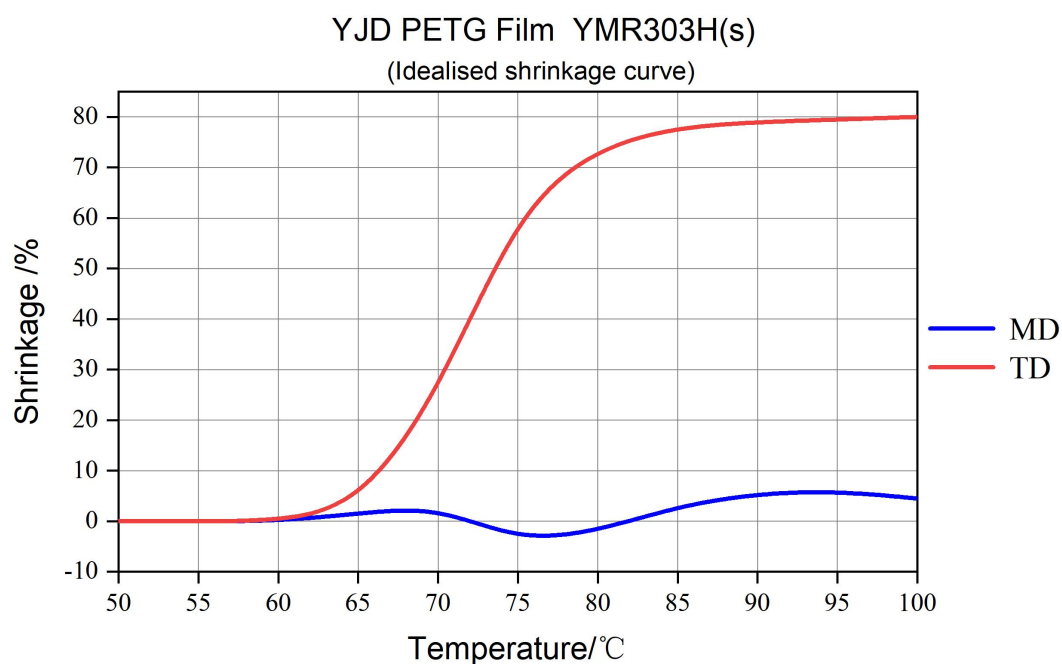
- ☆ Widely used for normal bottle sleeves, labeling in the package of beverage, home care, body care, cosmetics etc.
- ☆ The film should be used at room temperature between 20 and 25°C and with a relative humidity between 50 and 60%.

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: YMR303MF

Description:

- ☆ Rigid PETG shrink film for Shrink Sleeve Label application.
- ☆ Oriented in Transverse Direction, High shrinkage
- ☆ Low shrink force and shrink speed Smooth shrink curve
- ☆ Recommended for using in steam or electrical heating 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	/	19.2	/
	45μm		/	17.1	
Tensile Strength	MD	MPa	≥35	52	ASTM D882 v=100mm/min
	TD		≥80	150	
E-Modulus	MD		≥1200	1600	
	TD		≥2000	3200	
Elongation at Break	MD	%	≥300	410	
	TD		≥25	40	
Heat Shrinkage	MD	%	≤5	0	ASTM D1204 90°C/10sec/Water
	TD		60-70	65	
C.O.F	μs	--	≤0.60	0.390	ASTM D1894E
	μk		≤0.55	0.372	
Haze		%	≤7.0	4.11	ASTM D1003
Gloss (45°)		--	≥100	110	ASTM D2457
Dyne		mN/m	≥38	40	ASTM D2578
Density		g/cm ³	1.30±0.04	1.30	ASTM D792

Remark:

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

Application:

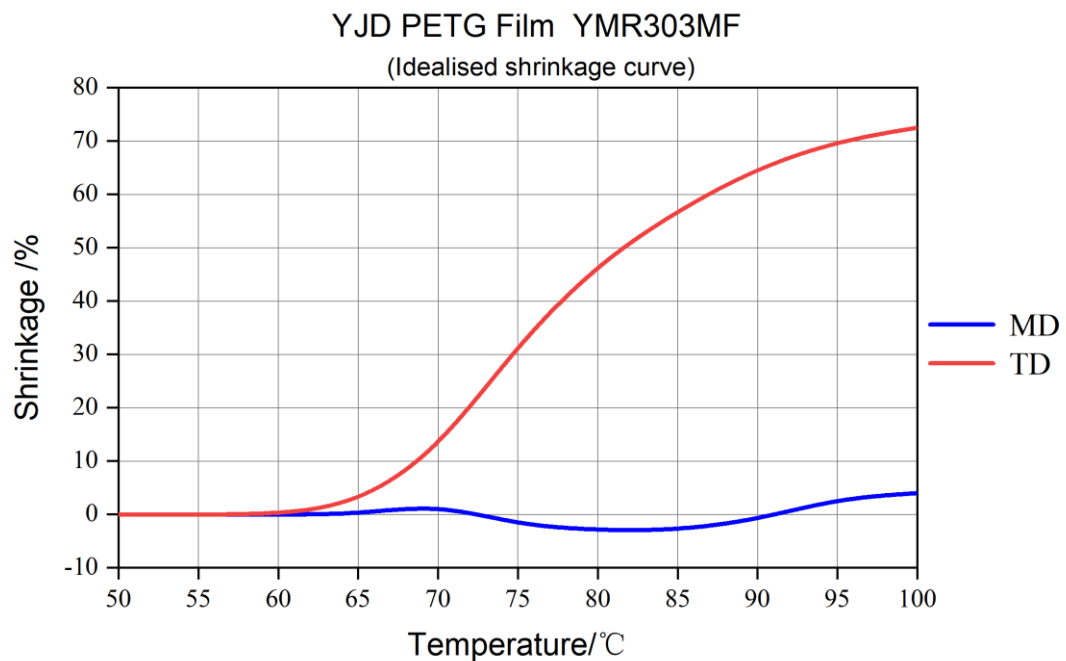
- ☆ Widely used for normal bottle sleeves, labeling in the package of beverage, home care, body care, cosmetics etc.
- ☆ The film should be used at room temperature between 20 and 25°C and with a relative humidity between 50 and 60%.

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
(Temporary Version)

Description:

- ☆ Rigid PETG shrink film for Shrink Sleeve Label application.
- ☆ 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	70μm	m ² /kg	10.8±0.2	/
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	%	≤5	ASTM D1204 90°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:

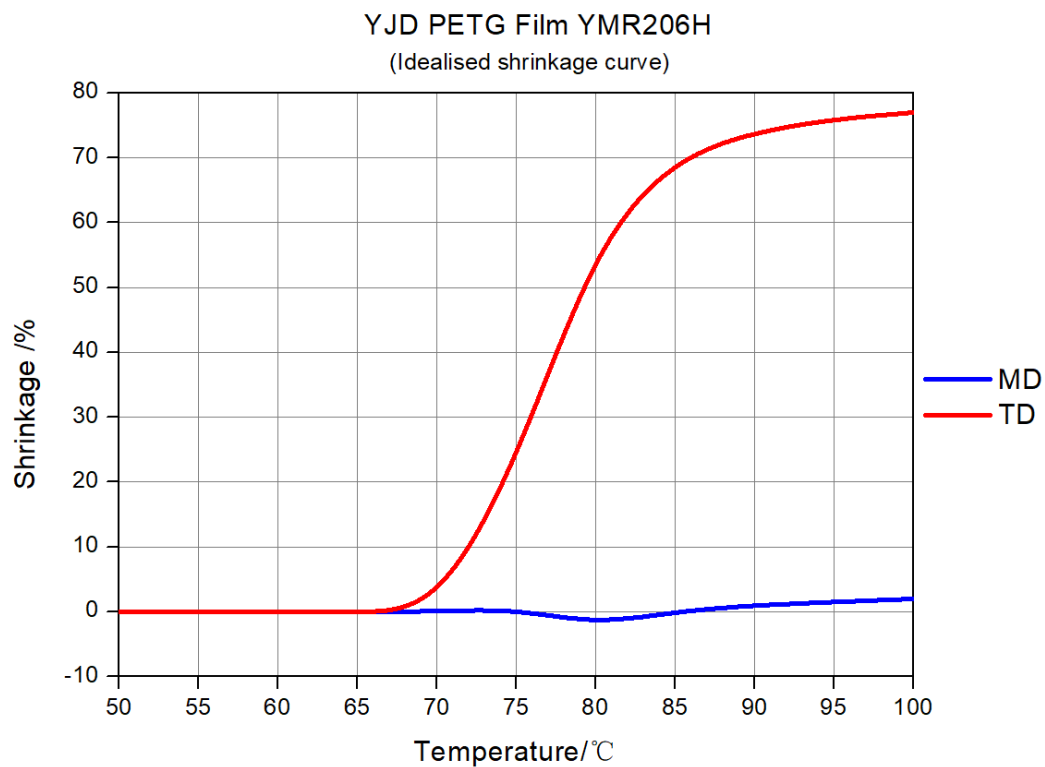
- ☆ Widely used for normal bottle sleeves, labeling in the package of beverage, home care, body care, cosmetics etc.
- ☆ The film should be used at room temperature between 20 and 25°C and with a relative humidity between 50 and 60%.

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.

Product Code: YMR206MF
(Theoretical Simulation Data)

Description:

- ☆ Rigid PETG shrink film for Shrink Sleeve Label application.
- ☆ 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	70μm	m ² /kg	10.8±0.2	/
Tensile Strength	MD	MPa	≥45	ASTM D882 v=100mm/min
	TD		≥180	
E-Modulus	MD		≥1200	
	TD		≥3000	
Elongation at Break	MD	%	≥300	
	TD		≥30	
Heat Shrinkage	MD	%	≤5	ASTM D1204 90°C/10sec/Water
	TD		60-70	
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:

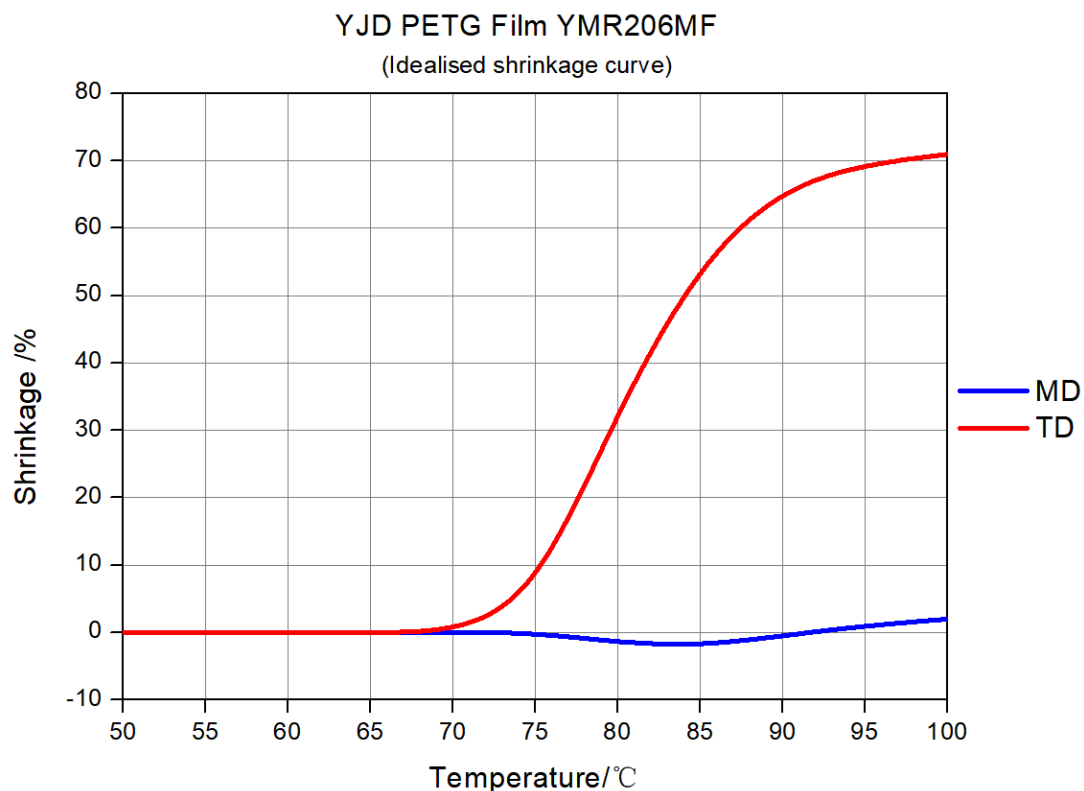
- ☆ Widely used for normal bottle sleeves, labeling in the package of beverage, home care, body care, cosmetics etc.
- ☆ The film should be used at room temperature between 20 and 25°C and with a relative humidity between 50 and 60%.

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.

Product Code: YMR206H

Description:

- ☆ Rigid PETG shrink film for Shrink Sleeve Label application.
- ☆ 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	ASTM D374
Thickness Tolerance		%	≤5	3	
Material yield	40μm	m ² /kg	/	18.9	/
	45μm		/	16.8	
Tensile Strength	MD	MPa	≥45	60	ASTM D882 v=100mm/min
	TD		≥180	280	
E-Modulus	MD		≥1200	1600	
	TD		≥3000	4300	
Elongation at Break	MD	%	≥300	490	
	TD		≥25	48	
Heat Shrinkage	MD	%	≤5	0.5	ASTM D1204 90°C/10sec/Water
	TD		≥70	72	
C.O.F	μs	--	≤0.60	0.390	ASTM D1894E
	μk		≤0.55	0.360	
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±0.03	1.32	ASTM D792

Remark:

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

Application:

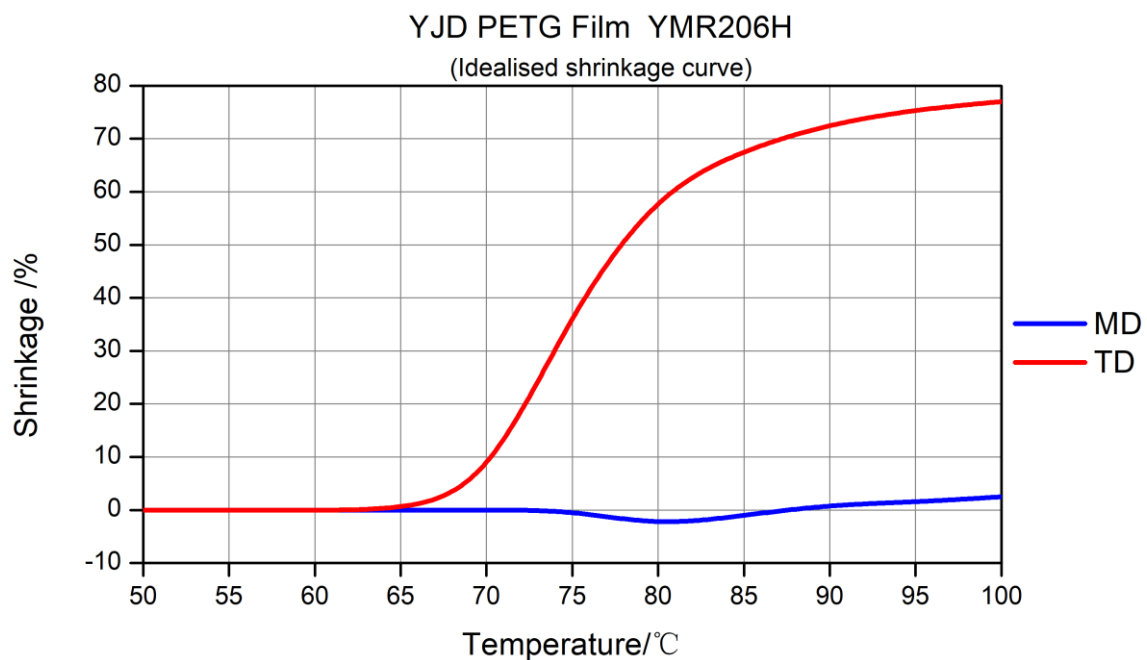
- ☆ Widely used for normal bottle sleeves, labeling in the package of beverage, home care, body care, cosmetics etc.
- ☆ The film should be used at room temperature between 20 and 25°C and with a relative humidity between 50 and 60%.

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: YMR206L

Description:

- ☆ Rigid PETG shrink film for Shrink Sleeve Label application.
- ☆ Oriented in Transverse Direction, Low rate of shrinkage.
- ☆ 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		/	16.8	
Tensile Strength	MD	MPa	≥45	50	ASTM D882 v=100mm/min
	TD		≥200	200	
E-Modulus	MD		≥1200	1890	
	TD		≥3000	4560	
Elongation at Break	MD	%	≥300	480	
	TD		≥30	40	
Heat Shrinkage	MD	%	≤5	1	ASTM D1204 90°C/10sec/Water
	TD		50-58	51	
C.O.F	μs	--	≤0.60	0.401	ASTM D1894E
	μk		≤0.55	0.376	
Haze		%	≤7.0	4.5	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:

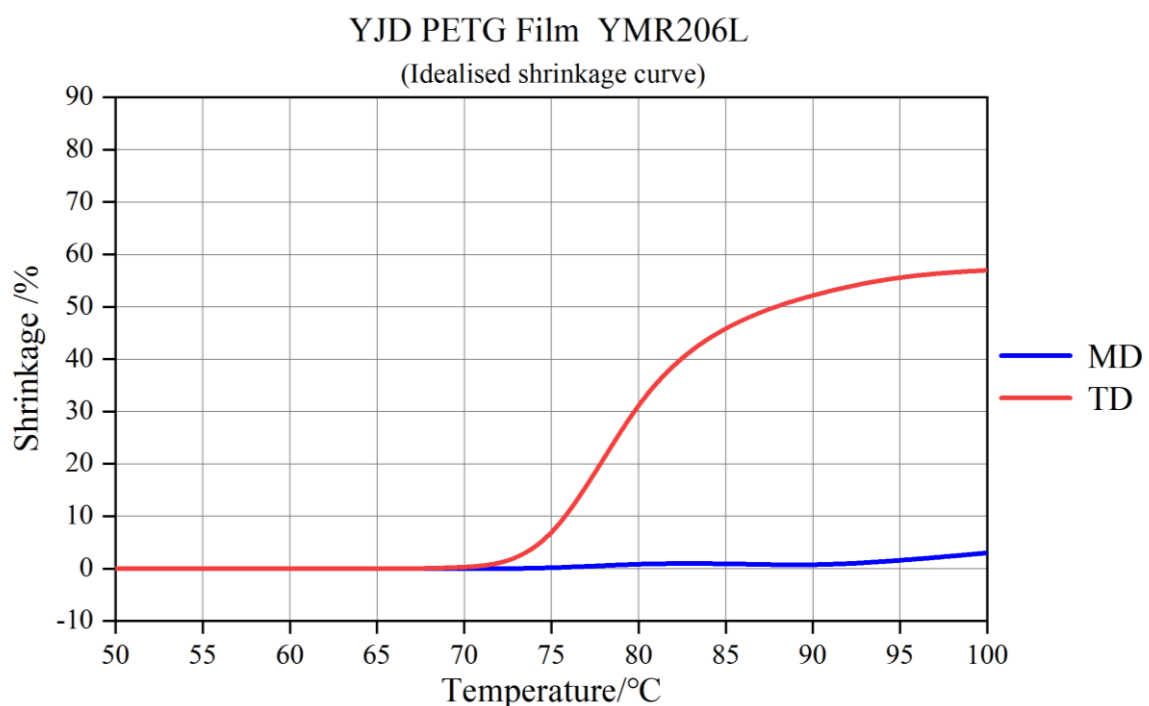
- ☆ Widely used for common shape bottle (middle diameter difference between bottleneck and body) labeling in the package of beverage drinks, cleaning and bathing commodities, cosmetics etc.
- ☆ The film should be used at room temperature between 20 and 25°C and with a relative humidity between 50 and 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 (TD:60~70%)

Description:

- ☆ Rigid PETG shrink film for Shrink Sleeve Label application.
- ☆ 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	ASTM D374
Thickness Tolerance		%	≤5	3	
Material yield	40μm	m ² /kg	/	18.9	/
	45μm		/	16.8	
Tensile Strength	MD	MPa	≥45	61	ASTM D882 v=100mm/min
	TD		≥150	350	
E-Modulus	MD		≥1200	1900	
	TD		≥3000	4600	
Elongation at Break	MD	%	≥300	490	
	TD		≥30	40	
Heat Shrinkage	MD	%	≤5	0	ASTM D1204 90°C/10sec/Water
	TD		60-70	67	
C.O.F	μs	--	≤0.60	0.390	ASTM D1894E
	μk		≤0.55	0.375	
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±0.03	1.32	ASTM D792

Remark:

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

Application:

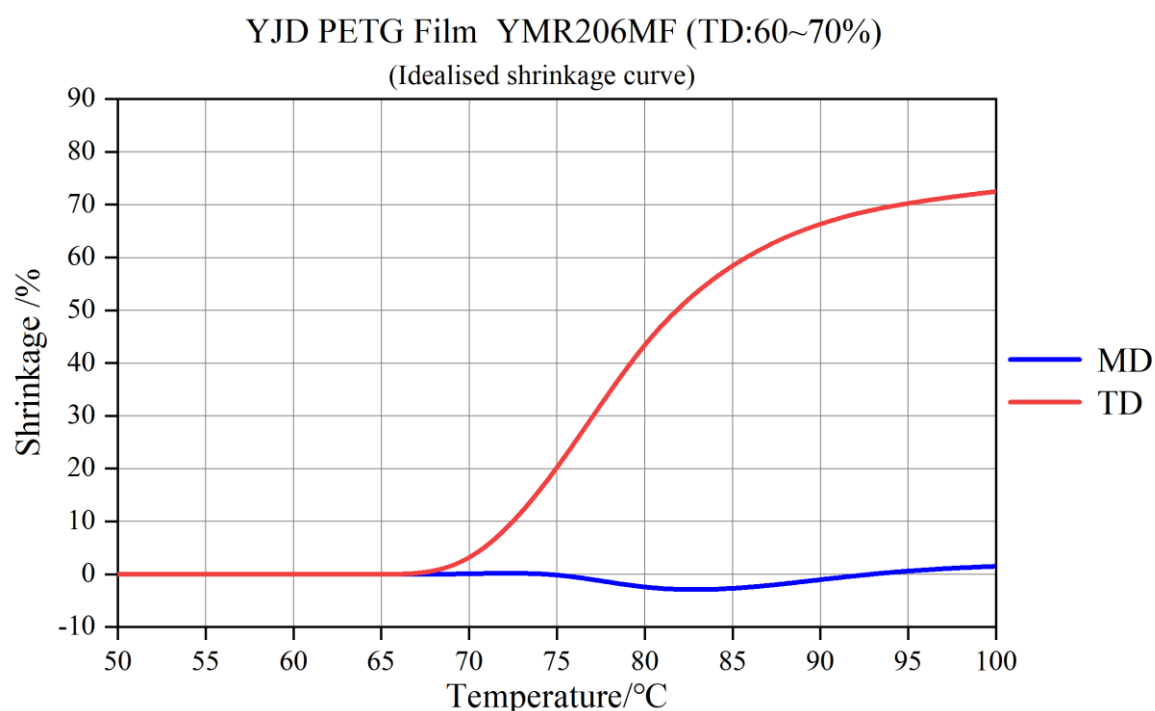
- ☆ Widely used for normal bottle sleeves, labeling in the package of beverage, home care, body care, cosmetics etc.
- ☆ The film should be used at room temperature between 20 and 25°C and with a relative humidity between 50 and 60%.

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

Description:

- ☆ Rigid PETG shrink film for Shrink Sleeve Label application.
- ☆ Oriented in Transverse Direction, High shrinkage with low heating temperature (85°C/10S).
- ☆ 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		/	16.8	
Tensile Strength	MD	MPa	≥40	58	ASTM D882 v=100mm/min
	TD		≥180	330	
E-Modulus	MD		≥1200	1620	
	TD		≥3000	4350	
Elongation at Break	MD	%	≥300	450	
	TD		≥30	40	
Heat Shrinkage	MD	%	≤5	-3	ASTM D1204 85°C/10sec/Water
	TD		≥70	71	
C.O.F	μs	--	≤0.60	0.365	ASTM D1894E
	μk		≤0.55	0.340	
Haze		%	≤7.0	4.60	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:

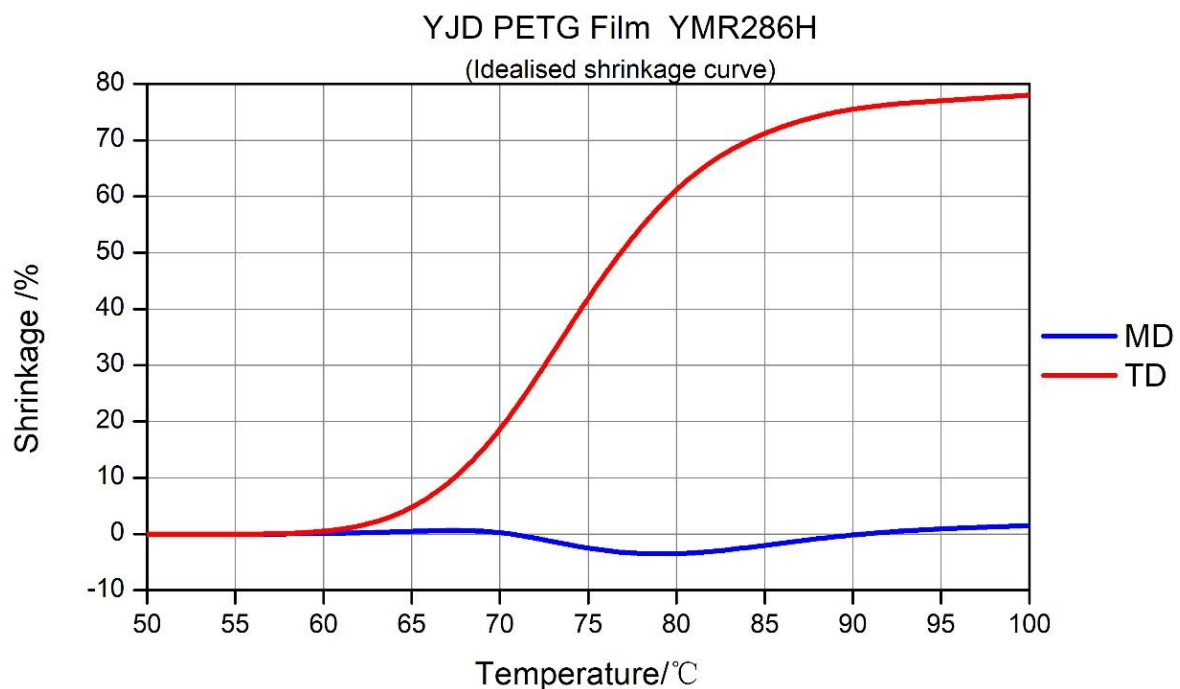
- ☆ Widely used for normal bottle sleeves, labeling in the package of beverage, home care, body care, cosmetics etc.
- ☆ The film should be used at room temperature between 20 and 25°C and with a relative humidity between 50 and 60%.

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: YMR306M (TD:60~66%)

Description:

- ☆ Rigid PETG shrink film for Shrink Sleeve Label application.
- ☆ 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		/	
Tensile Strength	MD	MPa	≥45	ASTM D882 v=100mm/min
	TD		≥180	
E-Modulus	MD		≥1200	
	TD		≥3000	
Elongation at Break	MD	%	≥300	
	TD		≥30	
Heat Shrinkage	MD	%	≤5	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±0.03	ASTM D792

Remark:

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

Application:

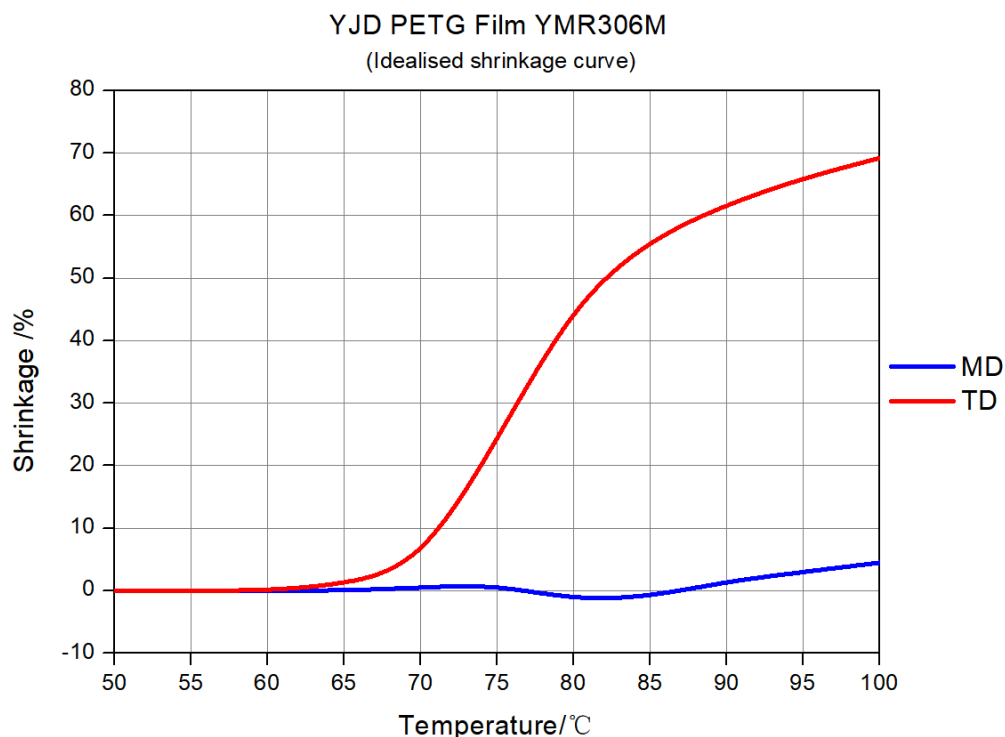
- ☆ Widely used for normal bottle sleeves, labeling in the package of beverage, home care, body care, cosmetics etc.
- ☆ The film should be used at room temperature between 20 and 25°C and with a relative humidity between 50 and 60%.

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.

Product Code: YMR306M (TD:60~66%)

Description:

- ☆ Rigid PETG shrink film for Shrink Sleeve Label application.
- ☆ 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	50μm	m ² /kg	/	/
Tensile Strength	MD	MPa	≥45	ASTM D882 v=100mm/min
	TD		≥180	
E-Modulus	MD		≥1200	
	TD		≥3000	
Elongation at Break	MD	%	≥300	
	TD		≥30	
Heat Shrinkage	MD	%	≤5	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±0.03	ASTM D792

Remark:

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

Application:

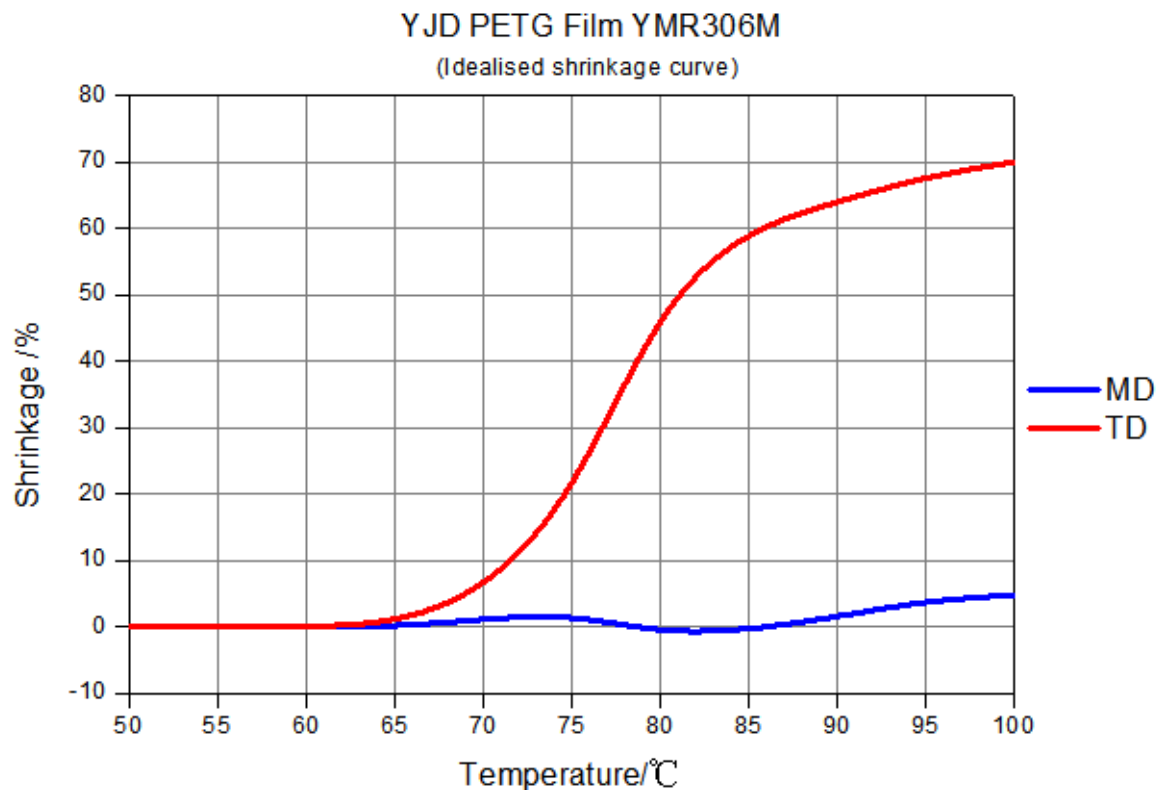
- ☆ Widely used for normal bottle sleeves, labeling in the package of beverage, home care, body care, cosmetics etc.
- ☆ The film should be used at room temperature between 20 and 25°C and with a relative humidity between 50 and 60%.

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.

Product Code: YMR586H

Description:

- ☆ Rigid PETG shrink film for Shrink Sleeve Label application.
- ☆ Oriented in Transverse Direction, High shrinkage under 80°C/10sec, TD Shrinkage $\geq 70\%$, MD Shrinkage $\leq 0\%$, Low Shrinkage haze.
- ☆ 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	40 μm	m^2/kg	/	19.2	/
	45 μm		/	17.1	
Tensile Strength	MD	MPa	≥ 45	60	ASTM D882 v=100mm/min
	TD		≥ 200	275	
E-Modulus	MD		≥ 1200	1700	
	TD		≥ 3000	4100	
Elongation at Break	MD	%	≥ 300	490	
	TD		≥ 25	40	
Heat Shrinkage	MD	%	≤ -1	-5	ASTM D1204 80°C/10sec/Water
	TD		≥ 68	68	
	MD	%	≤ 0	0	ASTM D1204 90°C/10sec/Water
	TD		≥ 72	75	
C.O.F	μs	--	≤ 0.60	0.363	ASTM D1894E
	μk		≤ 0.55	0.320	
Haze		%	≤ 7.0	2.70	ASTM D1003
Gloss (45°)		--	≥ 100	110	ASTM D2457
Dyne		mN/m	≥ 38	40	ASTM D2578
Density		g/cm^3	1.30 $\pm$ 0.03	1.30	ASTM D792

Remark:

- ☆ Printing Side: Double
- ☆ Unit Correlation: $\text{MPa} = \text{Kg}/\text{mm}^2 \times 9.8$ $\text{psi} = \text{Kg}/\text{mm}^2 \times 1422.3$

Application:

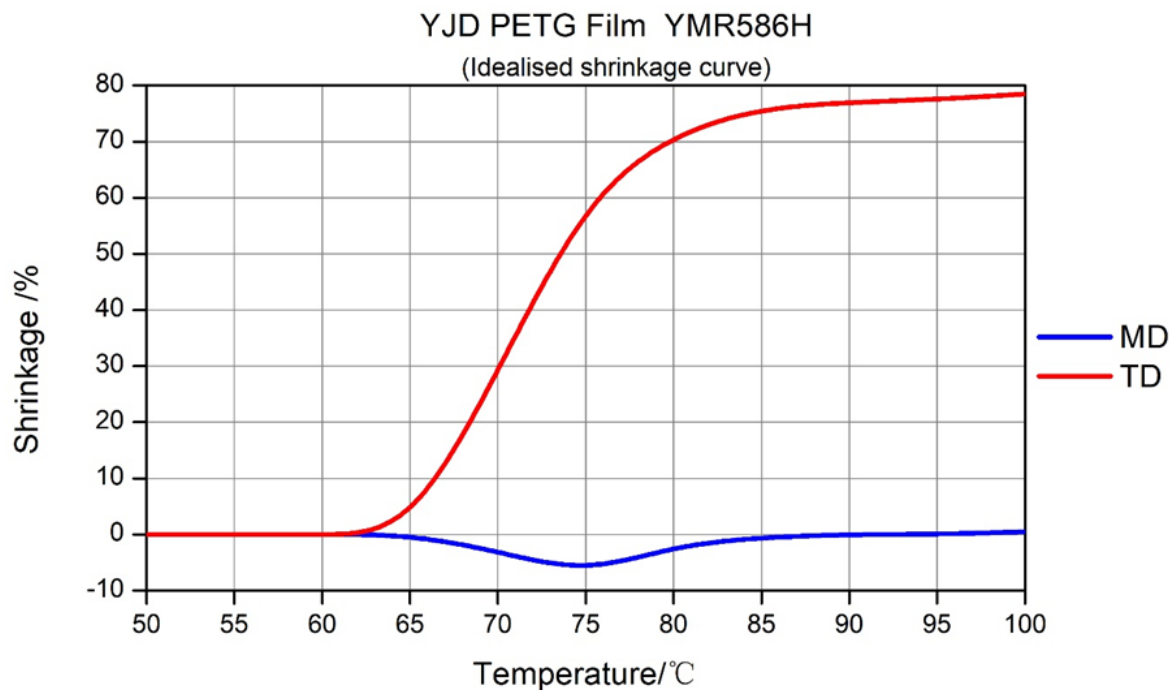
- ☆ Widely used for normal bottle sleeves, labeling in the package of beverage, home care, body care, cosmetics etc.
- ☆ The film should be used at room temperature between 20 and 25°C and with a relative humidity between 50 and 60%.

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