

## SHRINK SLEEVE FILM

### Description:

- Rigid PETG shrink film for Shrink Sleeve Label application.
- Oriented in Transverse Direction, Highshrinkage.
- Recommended for using in steam shrinktunnels.

### Property Data:

item		unit	direction	typical value	Testing method
Thickness		μm		40,45	ASTM D374
Thickness Tolerance		%		±3	
	40μm	m <sup>2</sup> /kg		18.9	
	45μm			16.8	
Tensile Strength		MPa	MD	60	ASTM D882 v=100mm/min
			TD	280	
E-Modulus			MD	1600	
			TD	4300	
Elongation at Break		%	MD	490	
			TD	48	
Heat Shrinkage		%	MD	0.5	ASTM D1204 90°C/10sec/Water
			TD	72	
C.O.F	μs/μk			0.390/0.360	ASTM D1894E
Haze		%		4.0	ASTM D1003
Gloss (45°)		--		110	ASTM D2457
Dyne		mN/m		40	ASTM D2578
Density		g/cm <sup>3</sup>		1.32	ASTM D792

### Remark:

- Available thickness range: 20 to 80 μm
- Printing Side: Double
- Unit Correlation: MPa=Kg/mm<sup>2</sup>×9.8      psi=Kg/mm<sup>2</sup>×1422.3

## Application:

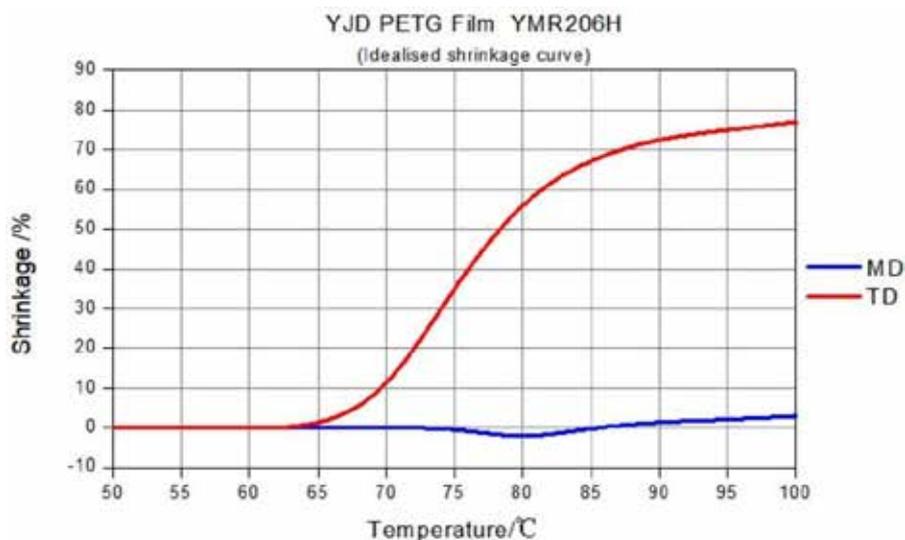
- Widely used for normal bottle sleeves, labeling in the package of beverage, home care, body care, cosmetics etc.

## 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 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.