

# HUBEI HYF PACKAGING CO ., LTD

## Technical Data Sheet

Product Code: HYF206MF

### ◇ 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	Direction	Typical Value	Testing Method
Thickness	µm		40, 45, 50, 60	ASTM D374
Thickness Tolerance	%		±3	
Material Yield	m <sup>2</sup> /kg			
40mic			18.9	
45mic			16.8	
50mic			15.2	
60mic		12.6		
Tensile Strength	Mpa	MD	50	ASTM D882 v=100mm/min
		TD	240	
E-Modulus		MD	1900	
		TD	4300	
Elongation At Break	%	MD	430	
		TD	39	
Heat Shrinkage	%	MD	1	ASTM D1204 90°C/10sec/Water
		TD	65	
C.O.F	—	µs	0.485	ASTM D 1894E
		µk	0.43	
Haze	%		3.65	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: N/mm<sup>2</sup>=Kg/mm<sup>2</sup>\*9.8    psi=Kg/mm<sup>2</sup>\*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.

### ◇ Storage Condition:

You can store HYF shrink films for up tp 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:

