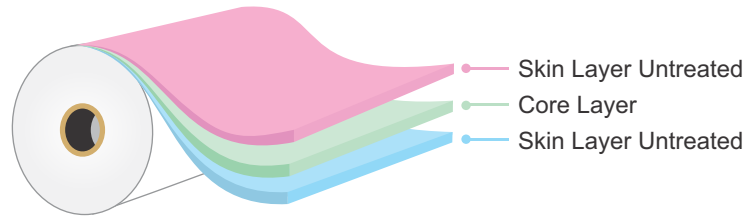


# PET G - High Shrink White PET Film

## HSPF-0 (W)

### Structure



### Description

HSPF-0 (W) High Shrink Transverse oriented white opaque co-extruded PETG Film. This film is both side untreated.

### Features

- Excellent and uniform heat shrinkage
- Excellent white with UV light blocking properties
- This film is suitable for gravure, flexo and offset printing
- Excellent encouragement of ink
- Regular shrink force

### Applications

- High shrink film is suitable for the full body shrink sleeves, seal caps, pressure sensitive shrink labels for regular containers as well as short neck containers
- The major applications are cosmetics, personal cares, dairy, foods, Juice packaging and pharmaceutical packaging
- This film eliminates the complete white base printing and enhance the self-life of products in bottle

### Typical Values

Properties	Ref.	Units	Tolerance	ASTM#/Test Method	HSPF-0 (W)		
Physical Data							
Average Thickness		micron	± 5%	D-374-C	40	45	50
		gauge			160	180	200
		mils			1.6	1.8	2.0
Density		g/cc	± 0.03		1.35	1.35	1.35
Average Substance		g/m²			54.0	60.75	67.5
Surface tension	UT	dynes/cm		D-2578	40 - 42		
Kinetic COF Static / Dynamic	A/B		±0.1	D-1894	0.50/0.45		
Yield		m²/Kg	± 5%	D-4321	18.51	16.46	14.81
		in²/lb			13013	11572	10412
Optical Data							
Transmission		%	±5.0	D-1003	30		
Mechanical Data							
Tensile Strength	MD	kg/ cm²	±150	D-882	500	500	500
	TD		±500		3000	3000	3000
Elongation	MD	%	±100	D-882	500	500	500
	TD		±30		65	65	60
Thermal Data							
Boiling Water Shrinkage (At 98°C/30 Sec)	MD	%	±2	CTM	2.0		
	TD		±3		78.0		

CTM : Cosmo Test Method MD : Machine Direction TD : Transverse Direction B0 : Untreated

**Disclaimer :** The information provided above is based on COSMO FILMS conclusive tests, which are indicative only and provided as guidelines. They do not constitute a guarantee of any specific product attributes or the suitability of products for specific applications.

**Note :** For shrink curve, film samples dipped in hot water at different temperature for 10 sec.

**Cosmo Films**

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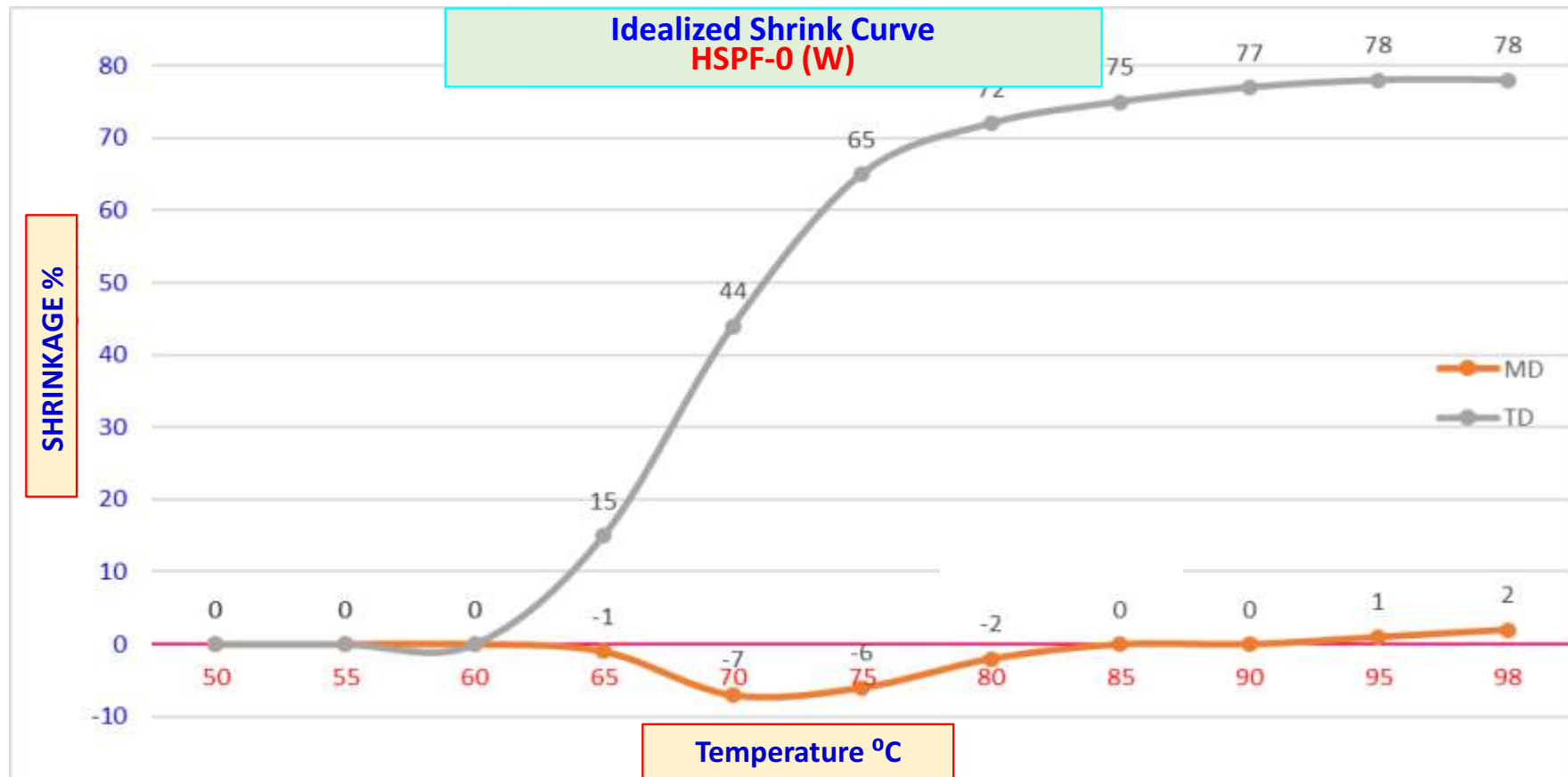
## HSPF-0 (W)

### Storage & Handling:

- 1) High shrink PET film should not be stored in temperature above 25°C (77°F)
- 2) Film should not be exposed to direct sunlight.
- 3) Ideal storage humidity is 40-70% RH
- 4) Recommended use of material within 6 months from the date of dispatch.

### Regulatory:

Complies with US FDA, EC and REACH regulations.



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