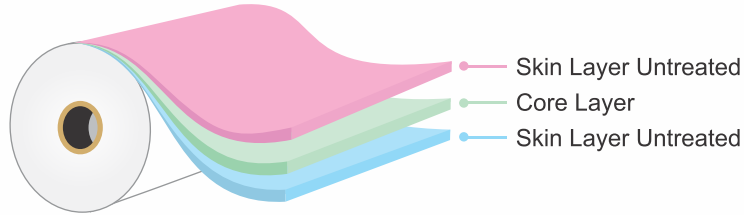


# PET G - High Shrink PET Film

## HSPF-0-LSF

### Structure



### Description

HSPF-0-LSF High Shrink Transverse oriented clear co-extruded PETG Film. This film is both side untreated.

### Features

- Excellent and uniform heat shrinkage
- Excellent Clarity, Transparency and gloss
- This film is suitable for reverse printing
- Excellent encouragement of ink
- Low shrink force with optimized MD shrinkage

### Applications

- High shrink film is suitable for the full body shrink sleeves, cup sleeves, pressure sensitive shrink labels for regular containers as well as thin-walled containers.
- The major applications are cosmetics, personal cares, dairy, foods, Juice packaging and pharmaceutical packaging

### Typical Values

Properties	Ref.	Units	Tolerance	ASTM#/Test Method	HSPF-0-LSF		
<b>Physical Data</b>							
Average Thickness		micron	± 5%	D-374-C	40	45	50
		gauge			160	180	200
		mils			1.6	1.8	2.0
Density		g/cc	± 0.02		1.27	1.27	1.27
Average Substance		g/m <sup>2</sup>			50.8	57.15	63.5
Surface tension	UT	dynes/cm		D-2578	40 - 42		
COF (Static / Dynamic)	Film/Film		±0.1	D-1894	0.50/0.45		
	Film/Metal				0.35/0.30		
Yield		m <sup>2</sup> /Kg	± 5%	D-4321	19.69	17.50	15.74
		in <sup>2</sup> /lb			13843	12303	11066
<b>Optical Data</b>							
Haze				D-1003	<5		
<b>Mechanical Data</b>							
Tensile Strength	MD	kg/ cm <sup>2</sup>	±150	D-882	500		
	TD		±500		3000		
Elongation	MD		±100	D-882	500		
	TD		±30		65		
<b>Thermal Data</b>							
Boiling Water Shrinkage (At 98°C/30 Sec)	MD		±2	CTM	0.0		
	TD		±3		75.0		

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.

# PET G - High Shrink PET Film

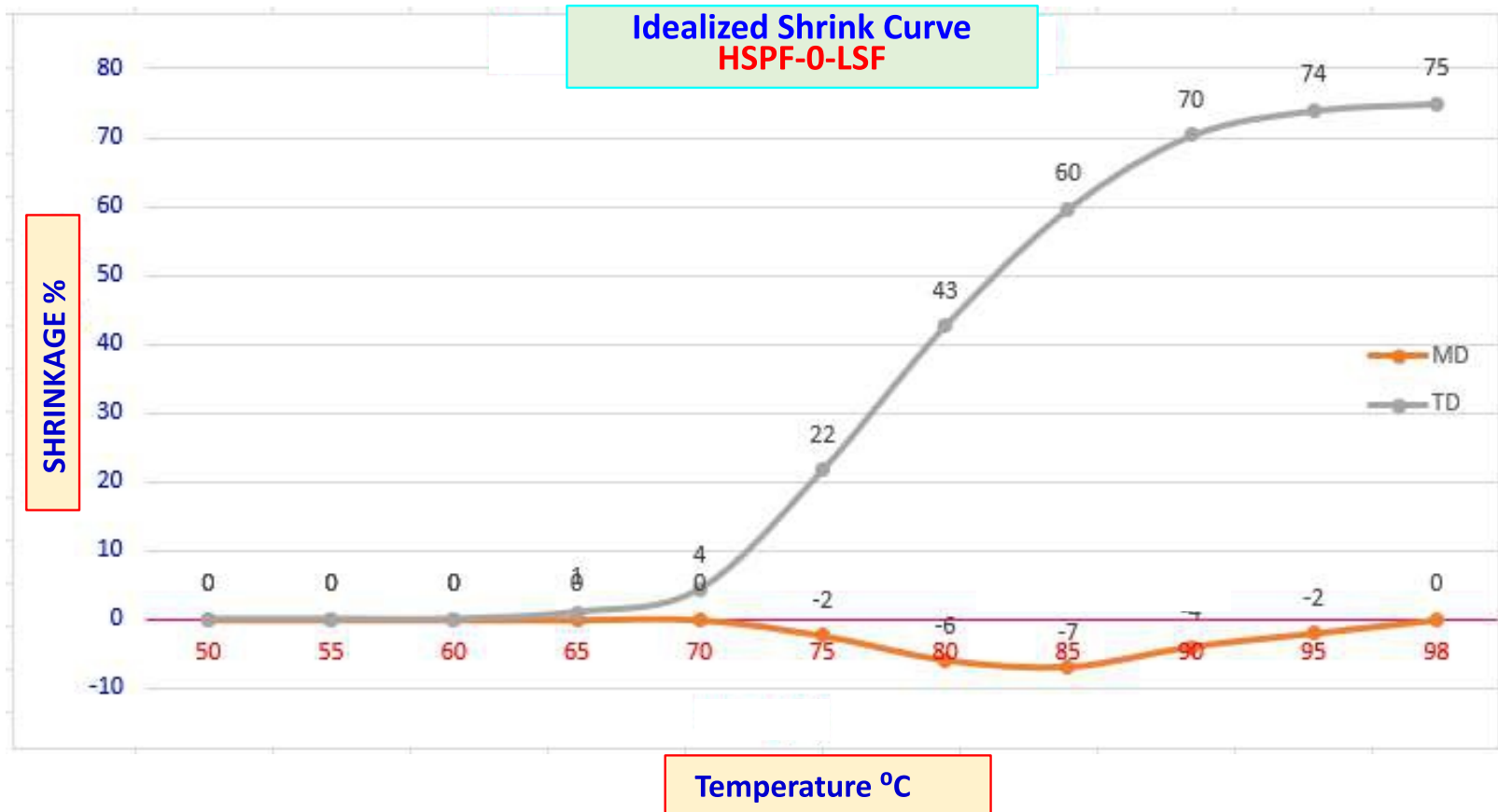
## HSPF-0-LSF

### 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.



**Cosmo Films**

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