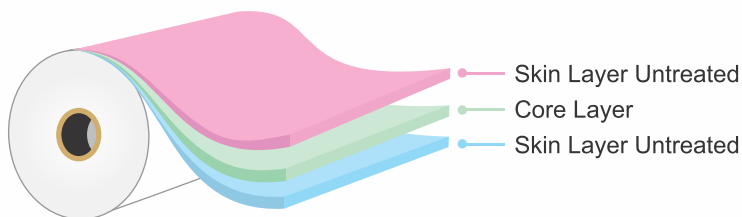


# PET G - Medium Shrink PET Film

## MSPF-0

### Structure



### Description

MSPF-0 Medium 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

### Applications

- Medium 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	MSPF-0			
<b>Physical Data</b>								
Average Thickness		micron	± 5%	D-374-C	40	45	50	60
		gauge			160	180	200	240
		mils			1.6	1.8	2.0	2.4
Density		g/cc	± 0.02		1.27	1.27	1.27	1.27
Average Substance		g/m <sup>2</sup>			50.8	57.15	63.5	76.2
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	13.12
		in <sup>2</sup> /lb			13843	12303	11066	9224
<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	-5.0			
	TD		±3		66.0			

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 - Medium Shrink PET Film

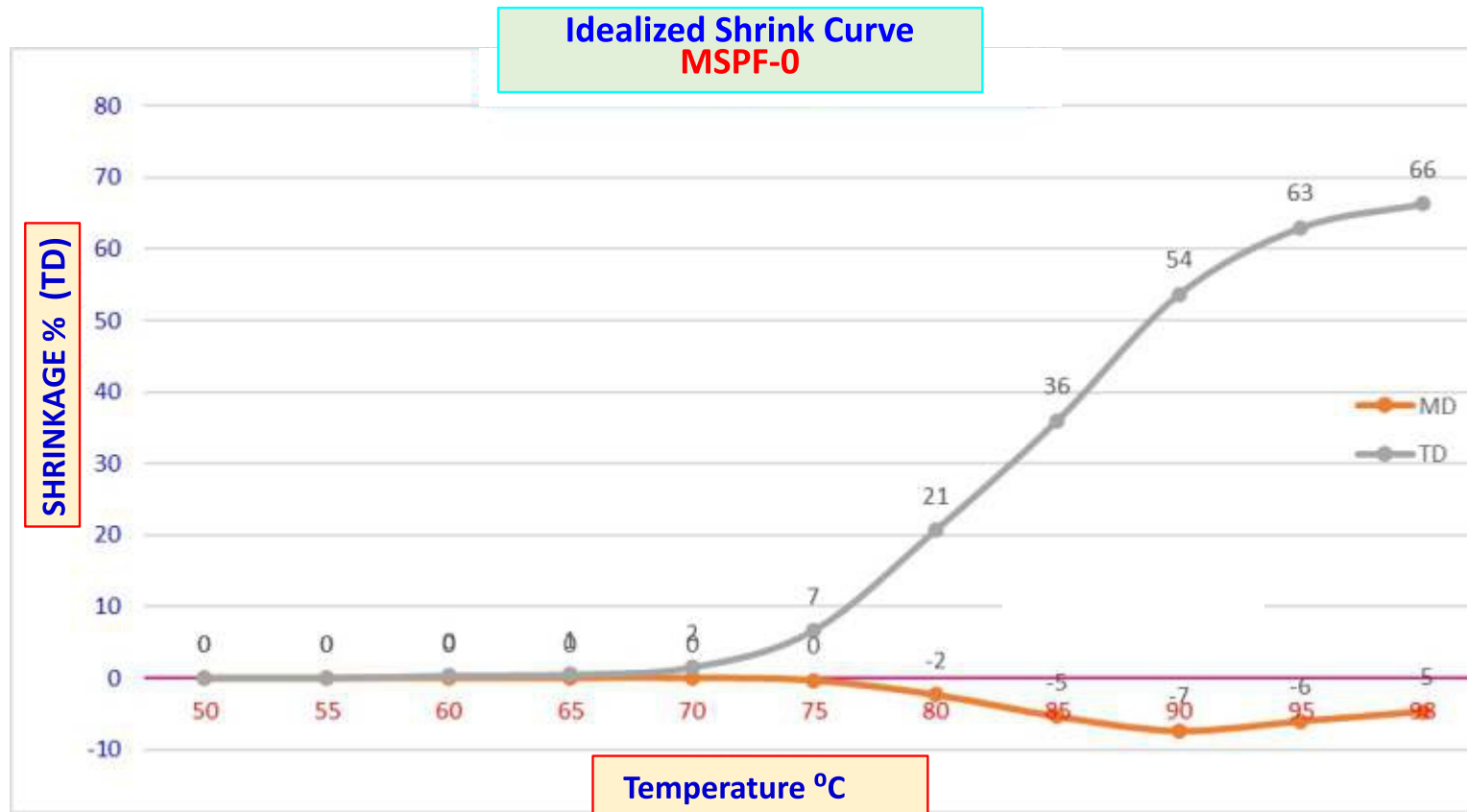
## MSPF-0

### 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