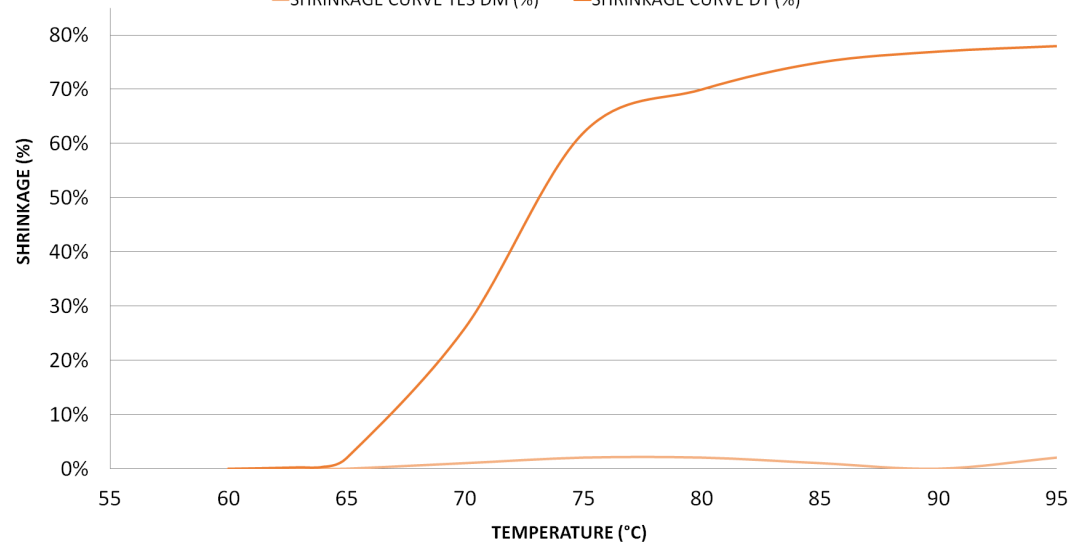


PET-S ShrinkFilm



SHRINKAGE CURVE

— SHRINKAGE CURVE TES DM (%) — SHRINKAGE CURVE DT (%)



Polyester Shrink Film

Description

Transparent shrink polyester film, transversely oriented, providing thermal shrink properties designed to wrap cylindrical containers with simple or complex geometries, ensuring a uniform finish. This film is characterized by maintaining brilliant clarity, good stiffness, and a versatile shrink curve, enabling a complete and uniform finish without the formation of wrinkles or folds.

Main Characteristics

- High transverse shrinkage.
- Excellent transparency and gloss.
- Good mechanical properties.
- Recommended for steam tunnels.
- Both sides compatible with solvents.

Applications

This product is designed for high-speed labeling processes as well as industrial applications. Compatible with multiple printing methods including flexography, rotogravure, and digital printing, as well as with various types of inks such as UV and digital solvent. Complies with FDA and EU regulations for food contact.

* Important Considerations

*This product is recommended to be stored at temperatures not exceeding 30°C, in a place without exposure to sunlight and with a relative humidity close to 60%. To protect it from moisture and prevent film blocking, rolls should remain covered with plastic wrapping when not in use.

*The information contained in this data sheet is based on tests carried out in our laboratories and is intended to be used as a reference, not as a specification. Therefore, it should not be interpreted as a guarantee of performance. It is the user's responsibility to conduct the necessary tests to ensure its suitability for the intended applications.

*This product complies with FDA and EU grade requirements. For more information, please visit our website: <https://www.obengroup.com/es/documentos>

Standard
Dimensions *

*This product has lot size and width restrictions. Please consult your sales representative.

Film Code	Thickness (µm)	Unit Weight (g/m²)	Width (mm)	Core Size	570 mm Ø Outside Diam.		760 mm Ø Outside Diam.	
					Length (m)	Weight (kg/cm)	Largo (m)	Peso (kg/cm)
TES 40 NN	40.0	52.4	350 to 2,000	3" & 6"	5,500	2.91	10,270	5.38
TES 45 NN	45.0	59.0			4,940		9,130	
TES 50 NN	50.0	65.5			4,400		8,210	
TES 55 NN	55.0	72.0			4,040		7,470	
TES 60 NN	60.0	78.6			3,700		6,850	

Typical Values
of Physical
Properties **

**Information and data presented in this data sheet is intended to be used as general guidelines.Physical properties specifications are available upon request.

Property		Unit	Testing Method	Thickness in Microns				
				40.0	45.0	50.0	55.0	60.0
Haze	-	%	ASTM D1003	5.0				
Gloss 45°			ASTM D2457	105				
Coefficient of Friction - Kinetic		-	ASTM D1894	0.40				
Surface Tension		dyn/cm	ASTM D2578	40				
Tensile Strength	DM	N/mm²	ASTM D882	50				
	DT			250				
Elongation at Break	DM	%		500				
	DT			50				
Secant Modulus 2%	DM	N/mm²		1,500				
	DT			3,600				
Shrinkage (95 °C, 10s)	DM	%	ASTM D1204	1.0				
	DT			78				

