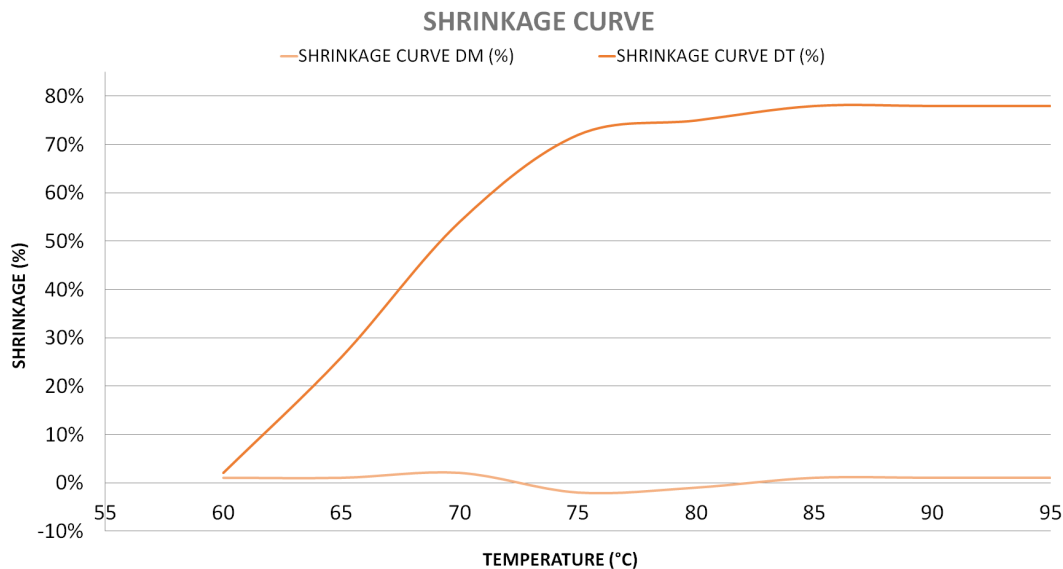


PET-S ShrinkFilm



High-Performance Polyester Shrink Film

Description

High-performance shrink polyester film with excellent transparency, transversely oriented to provide controlled thermal shrink properties. It is designed for wrapping cylindrical containers with simple or complex geometries, delivering a uniform finish. The film is characterized by outstanding clarity and gloss, good stiffness, and a versatile shrink curve, enabling a smooth and uniform appearance without wrinkles or folds.

Main Characteristics

- Low shrink force.
- Excellent transparency and gloss.
- Good mechanical properties.

Applications

This product is designed for high-speed labeling processes as well as industrial applications. It is compatible with multiple printing methods including flexography, rotogravure, and digital printing, as well as with various ink systems such as UV and digital solvent inks. Recommended for thin-wall containers, vacuum-labeled containers, high-density polyethylene (HDPE) containers, irregularly shaped containers, and for use in hot-air tunnels and steam tunnels. Complies with FDA and EU regulations for food contact.

* Important Considerations

*This product is recommended to be stored at temperatures not exceeding 25 °C, in a place protected from direct sunlight and with relative humidity around 60%. To protect it from moisture and prevent film blocking, rolls should remain wrapped in plastic when not in use.

*The information contained in this technical data sheet is based on tests conducted in our laboratories and is intended for reference purposes only, not as a specification. Therefore, it should not be interpreted as a guarantee of performance. It is the responsibility of the user to perform the necessary tests to ensure suitability for the intended applications.

*This product complies with FDA and EU food contact regulations. 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)
TESX 40 NN	40.0	52.4	350 to 2,000	3" & 6"	5,500	2.91	10,270	5.38
TESX 45 NN	45.0	59.0			4,940		9,130	
TESX 50 NN	50.0	65.5			4,400		8,210	
TESX 55 NN	55.0	72.0			4,040		7,470	
TESX 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	4.0				
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			300				
Elongation at Break	DM	%		600				
	DT			80				
Secant Modulus 2%	DM	N/mm²		1,500				
	DT			3,600				
Shrinkage (95 °C, 10s)	DM	%	ASTM D1204	1.0				
	DT			78				

