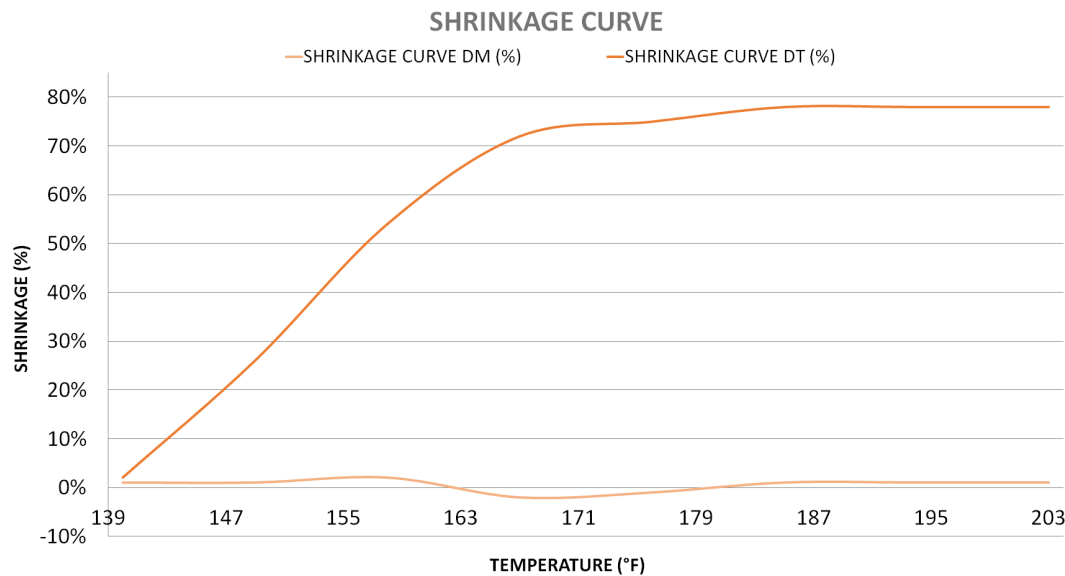


PET-S ShrinkFilm



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 (mils)	Yield (in ² /lb)	Width (in)	Core Size	22 1/2" Outside Diam.		30" Ø Outside Diam.	
					Length (ft)	Weight (lb/in)	Largo (m)	Peso (kg/cm)
TESX 40 NN	1.57	13,500	14 to 80	3" & 6"	18,044	16.30	33,700	30.12
TESX 45 NN	1.77	12,000			16,210		29,960	
TESX 50 NN	1.97	10,800			14,440		26,940	
TESX 55 NN	2.17	9,800			13,300		24,510	
TESX 60 NN	2.36	9,000			12,140		22,480	

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 Mils				
				1.57	1.77	1.97	2.17	2.36
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	lb/in²	ASTM D882	7,300				
	DT			43,600				
Elongation at Break	DM	%		600				
	DT			80				
Secant Modulus 2%	DM	lb/in²		217,600				
	DT			522,200				
Shrinkage (203 °F, 10s)	DM	%	ASTM D1204	1.0				
	DT			78				

