

Terphane® Twist

| ETk - TS



BOPET film, twistable, antistatic coated on one side, corona treated on reverse side

Description

Bioriented transparent polyester film, twistable, antistatic coated on one side, corona treated on reverse side. The base raw material is PET homopolymer. The corona treated side is located on the outside face of the reel.

Main Characteristics

- Very good clarity
- High rigidity
- Excellent twist and fold retention
- High heat resistance
- Excellent flatness and dimensional stability
- Corona treated outside
- Very good antistatic properties

Applications

This product is designed to be employed as an excellent twist and fold retention package for candies and chocolates packaging. In addition, this film supplies excellent stability on printing processes. It meets the FDA regulations for direct food contact. Due to its antistatic properties, this product presents superior machinability for high speed twist packaging machinery.

* Important Considerations

*It is recommended to store this material at conditions not exceeding 30°C, under shade and with a relative humidity of 60%. To protect against humidity and avoid film blocking, rolls should stay covered with the plastic overwrap when not in use.

*The information in this data sheet is based on tests carried out in our laboratories and it is intended to be used for reference only, and does not constitute a specification; therefore, should not be construed as a guarantee of performance. It is the responsibility of the user to carry out the necessary tests to guarantee its use for the intended applications.

*This product complies with FDA and EU regulations. For more detailed information about our technical and regulatory documents, please visit our website: <https://www.obengroup.com/en/documents>

Standard
Dimensions *

*For specific lot sizes widths, or outer diameters. Please, contact your sales representative.

Film Code	Thickness (mils)	Yield (in ² /lb)	Width (in)	Core Size	30" Ø Outside Diam.		Treatment
					Length (ft)	Weight (lb/in)	
ETk 18 TS	0.71	28,100	15 to 80	6"	71,900	30.73	Corona Out / Antistatic In.
ETk 23 TS	0.91	22,000			56,500		

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	
				0.71	0.91
Haze	-	%	ASTM D1003	3.0	4.0
Gloss 45°			ASTM D2457	130	
Coefficient of Friction - Kinetic	T	-	ASTM D1894	0.30	
Tensile Strength	DM	lb/in²	ASTM D882	30,500	
	DT			32,000	
Elongation at Break	DM	%		125	
	DT			95	
Secant Modulus 2%	DM	lb/in²		565,700	
	DT			609,200	
Surface Tension	T	dyn/cm	ASTM D2578	56	
	S			42	
Water Vapor Transmission Rate (100.4 °F, 90 % R.H.)	-	g/(100 in².day)	ASTM F1249	1.87	1.42
Oxygen Transmission Rate (73.4 °F, 0 % R.H.)		cm3/(100 in².day)	ASTM D3985	5.42	4.52

