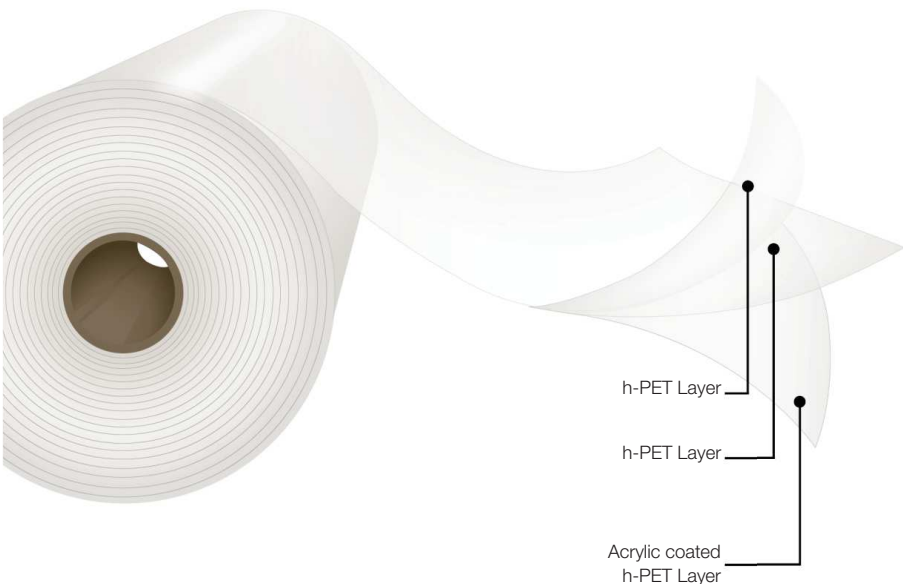


Terphane® Plain



BOPET film, acrylic treated on one side

Description

Biaxially oriented transparent polyester film with acrylic treatment on one side. The base raw material is PET homopolymer. The acrylic-treated side is located on the inner side of the reel.

Main Characteristics

- Very good transparency and moisture and temperature resistance.
- Outstanding machinability.
- Excellent high temperature resistance.
- One side acrylic coated.
- High adhesion to adhesives and to a variety of inks.
- Excellent flatness and dimensional stability.

Applications

Designed for use in a wide variety of conversion processes in the food packaging industry, as well as in other industrial applications. The acrylic treatment provides excellent adhesion to various ink systems, such as nitrocellulose-based systems, as well as to adhesives and aluminum during the metallization process. It is designed for high processability on packaging machines, functioning as an outer layer in laminations. It complies with FDA and EU regulations for food contact.

* Important Considerations

*It is recommended to store this material at conditions not exceeding 30°C, in a place without exposure to sunlight and with a relative humidity of 60%. To protect against humidity and avoid film blocking, rolls should stay covered with plastic overwrap when not in use.

*The information in this data sheet is based on tests carried out in our laboratories and 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 information, please visit our website: <https://www.obengroup.com/en/doc-regulatorios/>

Standard
Dimensions *

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

Film Code	Thickness (µm)	Unit Weight (g/m²)	Width (mm)	Core Size	760 mm Ø Outside Diam.		Treatment
					Length (m)	Weight (kg/cm)	
ET 10 NA	10.0	13.9	400 to 2,000	6"	39,400	5.49	Acrylic in.
ET 12 NA	12.0	16.7			32,800		

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	
				10.0	12.0
Haze	-	%	ASTM D1003	2.0	
Gloss 45°			ASTM D2457	130	
Coefficient of Friction - Kinetic	A/A	-	ASTM D1894	0.30	
	N/N			0.27	
Tensile Strength	DM	N/mm²	ASTM D882	210	
	DT			220	
Elongation at Break	DM	%		125	
	DT			95	
Secant Modulus 2%	DM	N/mm²		3,900	
	DT			4,200	
Surface Tension	A	dyn/cm	ASTM D2578	44	
Water Vapor Transmission Rate (38 °C, 90 % R.H.)	-	g/(m².d)	ASTM F1249	40	38
Oxygen Transmission Rate (23 °C, 0 % R.H.)		cm³/(m².d)	ASTM D3985	125	100

