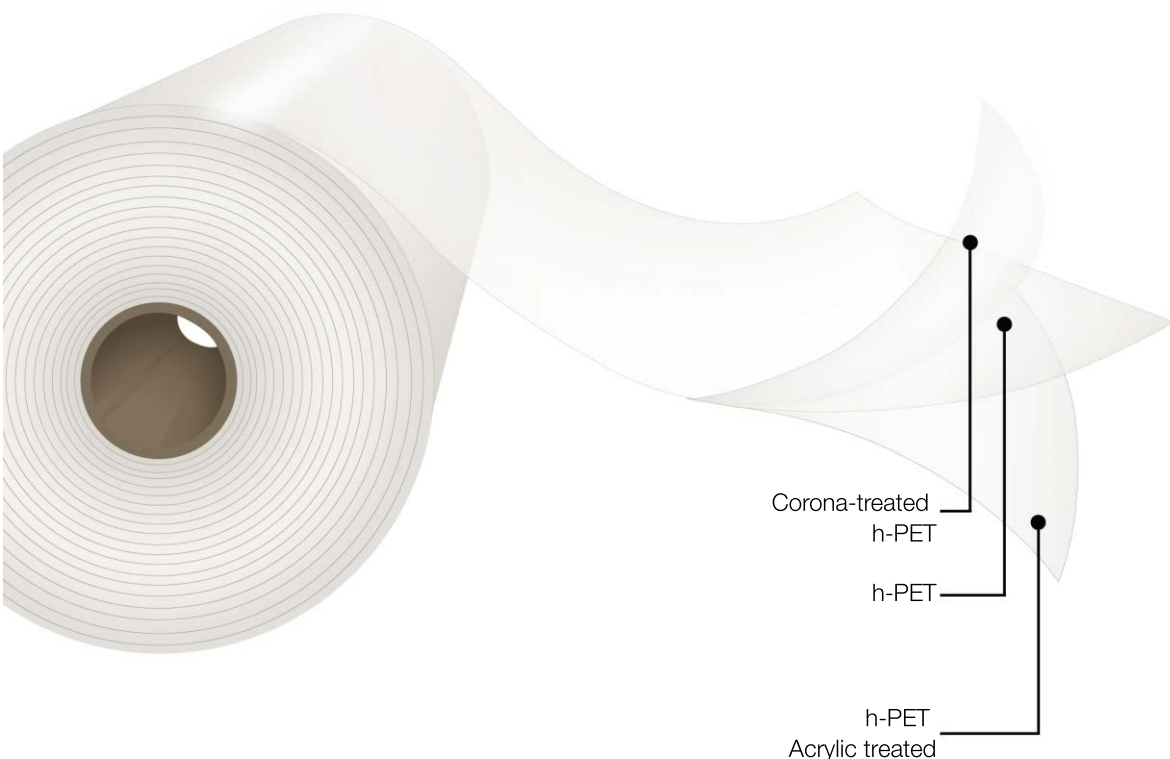


Terphane® Plain



BOPET film, acrylic treated on one side, corona treated on the reverse side

Description

Biaxially oriented transparent polyester film with acrylic treatment on one side and corona treatment on the reverse side. The base resin is a PET homopolymer. The acrylic treatment is located on the inner side of the reel. The corona-treated side is located on the outer side of the reel.

Main Characteristics

- Very good transparency.
- High-temperature resistance.
- The corona-treated side may exhibit sealability starting at approximately 150°C.
- Excellent adhesion to aluminum, adhesives, and inks.
- Moisture- and temperature-resistant.
- Excellent flatness and dimensional stability.

Applications

Used in multiple applications 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 several ink systems such as nitrocellulose-based systems, as well as to adhesives and aluminum in the metallization process. It is designed for high processability in packaging machines as an external layer in laminations. This film is resistant to moisture and temperature in hot-fill and sterilization applications. 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 12 TA	12.0	16.7	400 to 2,000	6"	32,800	5.49	Corona Out/ Acrylic In

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
				12.0
Haze	-	%	ASTM D1003	2.0
Gloss 45°			ASTM D2457	130
Coefficient of Friction - Kinetic	A/A	-	ASTM D1894	0.30
	T/T			0.30
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
	T			56
Water Vapor Transmission Rate (38 °C, 90 % R.H.)	-	g/(m².d)	ASTM F1249	38
Oxygen Transmission Rate (23 °C, 0 % R.H.)		cm³/(m².d)	ASTM D3985	100

