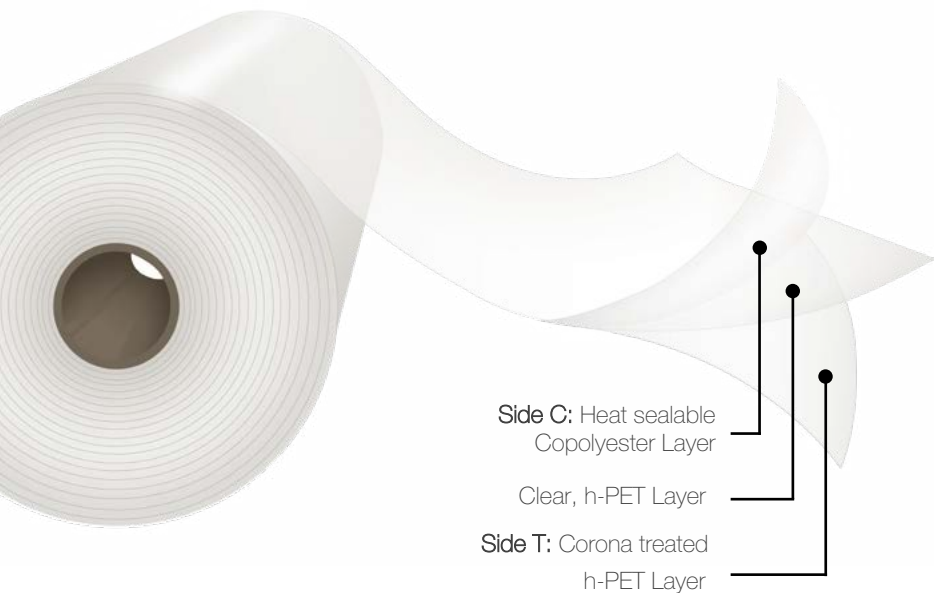


## BOPET Film

*Heat sealable copolyester outside, corona treated inside.*



*Consider EC-TC only as an inverted reel (heat sealable copolyester inside and corona treated outside), properties and applications remain the same.*

**Opet SealFilm T**

**EC - CT**



## Description

**Opet SealFilm T** is a transparent film with one side coextruded with a heat sealable copolyester skin layer. The base raw material is PET homopolymer with enhanced clarity in the core layer. The heat sealable layer is located on the outside face of the reel; the corona treatment on the inside face enhances adhesion to inks and adhesives.

## Main Characteristics

- One side with heat sealable copolyester
- Reverse side corona treated
- Excellent bonds to metal, adhesives and a variety of inks
- Very good clarity
- Outstanding machinability
- High heat resistance
- Excellent flatness and dimensional stability
- Moisture and temperature resistance

## Applications

Designed to be employed in a wide variety of converting processes in the food packaging industry as well as in other industrial applications. This film is heat sealable to itself and to aPET and cPET surfaces. Copolyester skin confers tack heat sealable to paper and aluminum foil. In addition, the corona treated side provides very good adhesiveness to a variety of ink systems such as PVB polyvinyl based systems, adhesives and to the aluminum layer in metallization. Laminated with other films confers easy opening functionality for box wrapping. It meets FDA regulations for direct food contact. This film is ideal for packaging requiring fold closure, articles with aromas, blisters of medicines, etc.

### \* Important Considerations

It is recommended to store this material at conditions not exceeding 86°F, at shadow and with a relative humidity of 60%.

It is important to keep overwrap to protect rolls from humidity while they are not used in order to avoid blocking of this material.

There might be a deterioration of certain physical properties by adverse storage conditions through time. It is therefore advisable to keep an adequate inventory turn-over of this material.

## Standard Dimensions\*

\*This product has lot size and width restrictions. Please consult your sales representative.

OpetFilm Code			Thickness (mils)	Yield (in <sup>2</sup> /lb)	Width (in)	Core Size	22½" Ø Outside Diam.		30" Ø Outside Diam.		Treatment
							Length (ft)	Weight (lb/in)	Length (ft)	Weight (lb/in)	
EC	12	CT	0.47	41,900	15 to 80	6"	55,800	16.18	105,600	30.73	Coex Out Corona In
EC	19	CT	0.75	26,400			35,100		66,900		
EC	23	CT	0.91	21,800			28,900		55,100		
EC	36	CT	1.42	14,000			18,400		35,100		

## Typical Values of Physical Properties \*

\*Information and data presented in this data sheet are intended to be used as general guidelines. Technical specifications are available upon request.

Property	Unit	Testing Method	Thickness in mils			
			0.47	0.75	0.91	1.42
Haze	%	ASTM D1003	2.5	3.5	4.0	4.6
Gloss @ 45°	%	ASTM D2457	120			
Coefficient of Friction - Kinetic	C/C	ASTM D1894	0.45			
	T/T		0.30			
Tensile Strength	MD	ASTM D882	220			
	TD		260			
Elongation at Break	MD		125			
	TD		100			
Secant Modulus @ 2%	MD	3,900				
	TD	4,200				
Surface Tension	T	OHG M004	52			
	C		42			
Shrinkage @ 300 °F, 30 min	MD	ASTM D1204	2.0			
	TD		1.0			
Seal Strength @ 248 °F	g/in	ASTM F88 / F2029A @ 40 psi	350	400	550	
Water Vapor T. R. @ 100 °F, 90% R. H.	g/(100 in <sup>2</sup> .day)	ASTM F1249	2.5	1.8	1.4	1.0
Oxygen T. R. @ 73 °F, 0% R. H.	cm <sup>3</sup> /(100 in <sup>2</sup> .d)	ASTM D3985	6.5	5.2	4.5	3.2

Opet SealFilm T

# EC - CT

