290 WTL
White Opaque OPP Film

Applications

- Roll-fed labels as a single-web label film

Features

- High opacity and whiteness eliminate need for white ink
- High gloss print surface
- Good adhesion with hot melt adhesives used on roll-fed labeling machines

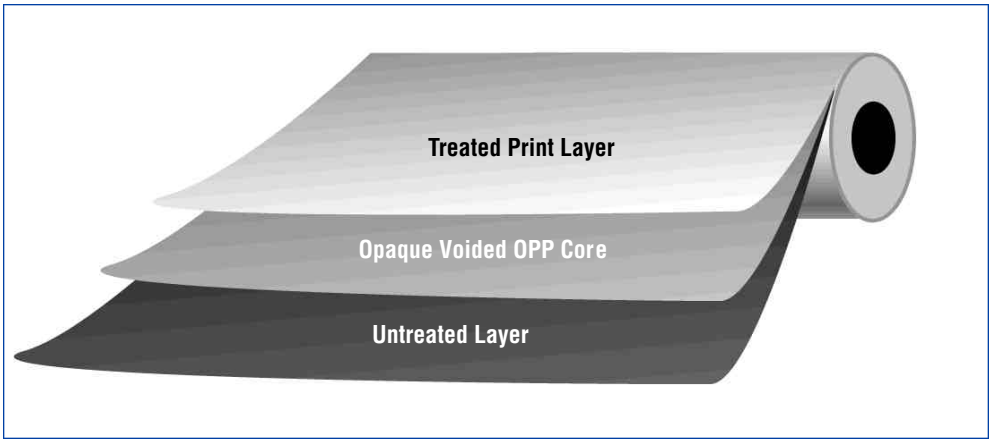
Cautions

- For best results, printing of the treated outer layer is recommended
- Converter-applied over-lacquer should be used to protect the printed graphics from abrasion and to reduce COF

Contact Us

AETFilms
15 Read's Way
New Castle, Delaware 19720
302-326-5500
Toll-free: 800-688-2044
Fax: 302-326-5501
www.aetfilms.com

290 WTL is a white opaque, non-sealable, coextruded, biaxially oriented polypropylene (OPP) film. Treated one side.



Slit Roll Information

Thickness* Gauge	Yield in^2/lb	Basis Weight lbs/ream	Slit Roll Factors Standard length	lbs/in width
150	29,000	14.8	20,700 ft	8.8

Slit Roll Information – Metric

Thickness* Microns	Yield m^2/kg	Basis Weight g/m^2	Slit Roll Factors Standard length	g/mm width
38	41.3	24.2	6,300 m	157.2

Treated print layer wound on outside of slit roll. Standard rolls are 23 inches (584 mm) in diameter, wound on 6-inch (152 mm) ID paper cores. Standard widths are from 20 to 66 inches (508 to 1676 mm), slit in 1/16-inch (1.5 mm) increments. Narrower or wider widths available on request. Rolls other than 23 inches (584 mm) in diameter are offered through special quotation.

*Nominal

290 WTL

Film Properties

Optical Properties

Whiteness Index [2]	88
TAPPI Opacity [3]	86

Surface Properties

COF	
Film to Film (kinetic)	0.55

Physical Properties

	Machine Direction	Transverse Direction
Tensile strength, psi	11,000	17,000
Tensile modulus, psi	150,000	230,000
Elongation, %	115	40
Shrinkage at 275˚F, % [1]	< 10	< 8

Film Properties – Metric

Optical Properties

Whiteness Index [2]	88
TAPPI Opacity [3]	86

Surface Properties

COF	
Film to Film (kinetic)	0.55

Physical Properties

	Machine Direction	Transverse Direction
Tensile strength, kg/mm^2	7.70	11.95
N/mm^2	75.5	117.0
Tensile modulus, kg/mm^2	105.4	161.7
N/mm^2	1,030	1,590
Elongation, %	115	40
Shrinkage at 135˚C, % [1]	< 10	< 8

Key Market Applications

(1) AET Method (2) ASTM 313E (3) ASTM D-589