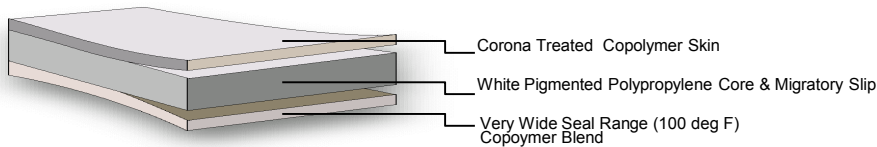


# WA - Solid White CoEx Heat Sealable

BIAXIALLY ORIENTED POLYPROPYLENE FILM  
TWO SIDE SEALABLE FOR FOOD PACKAGING

## AMTOPP BOPP FILMS



### Characteristics

- Very Wide Heat Seal Range
- White Pigmented for High Opacity
- Corona Treated one side for ink adhesion and lamination bonds
- Good Hot Tack
- Excellent Flatness

### TECHNICAL DATA

PROPERTIES	TEST METHOD	UNITS	TYPICAL VALUES	
			WA25	WA30
THICKNESS	AmTopp	mil ( $\mu\text{m}$ )	0.91 (23)	1.10 (28)
YIELD	AmTopp	in <sup>2</sup> /lb (m <sup>2</sup> /kg)	31,000 (44.0)	25,700 (36.5)
OPACITY	ASTM D589-97	%	77	80
HEAT SEAL INITIATION (UNTREATED SIDE)	1/2 sec, 30 PSI,	Deg F (Deg C)	200 (93)	
HEAT SEAL INITIATION (TREATED SIDE)	1/2 sec, 30 PSI,	Deg F (Deg C)	250 (121)	
TENSILE STRENGTH (MD)	ASTM D 882	lb/in <sup>2</sup> (kg/cm <sup>2</sup> )	17,000 (1,200)	
TENSILE STRENGTH (TD)	ASTM D 882	lb/in <sup>2</sup> (kg/cm <sup>2</sup> )	30,000 (2,100)	
ELONGATION AT BREAK (MD)	ASTM D 882	%	190	
ELONGATION AT BREAK (TD)	ASTM D 882	%	70	
COEFFICIENT OF FRICTION (NT/NT)	ASTM D 1894	Dynamic	0.25	
WATER VAPOR TRANSMISSION RATE	ASTM F 1249 100°F (38°C), 90% RH	g/100in <sup>2</sup> /24h (g/m <sup>2</sup> /24h)	0.35 (5.4)	0.30 (4.7)
DIMENSIONAL STABILITY (MD)	266 °F, 5min (130° C, 5 min)	%	<5	
DIMENSIONAL STABILITY (TD)	266 °F, 5min (130° C, 5 min)	%	<3	
SURFACE ENERGY	ASTM D 2578	dyne/cm	38	

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### Applications

- White opaque uses for both single sheet and laminations
- Cost effective alternative to white printed films

The above properties and results obtained refer to the average values of laboratory testing carried out on sample AmTopp product. AmTopp does not guarantee testing accuracy and makes no guarantee of product performance, safety or suitability, either expressed or implied, when used alone or in combination with other products. AmTopp strongly urges users to undertake independent testing in order to verify the suitability of the product for whatever intended use. AmTopp assumes no responsibility for any damage or injury sustained as a result of the use of its products.