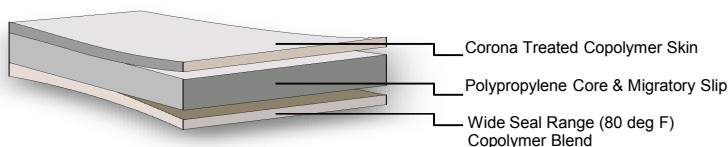


# BFP - Controlled OTR Range CoEx Heat Sealable

BIAXIALLY ORIENTED POLYPROPYLENE FILM  
TWO SIDE SEALABLE FOR FOOD PACKAGING



# AMTOPP BOPP FILMS

## Characteristics

- Wide Heat Seal Range
- Controlled OTR Range
- Corona treated one side for ink adhesion and lamination bonds
- Superior Optical Properties
- Good Hot Tack
- Excellent Flatness

## TECHNICAL DATA

PROPERTIES	TEST METHOD	UNITS	TYPICAL VALUES						
			BFP15	BFP18	BFP20	BFP25	BFP30	BFP35	BFP40
THICKNESS	AmTopp	mil ( $\mu\text{m}$ )	0.59 (15)	0.70 (18)	0.79 (20)	0.99 (25)	1.19 (30)	1.38 (35)	1.56 (40)
YIELD	AmTopp	in <sup>2</sup> /lb (m <sup>2</sup> /kg)	51,800 (73.6)	44,000 (62.5)	38,700 (55.0)	31,000 (44.0)	25,700 (36.5)	22,200 (31.6)	19,600 (27.9)
HEAT SEAL INITIATION (UNTREATED SIDE)	1/2 sec, 30 PSI,	Deg F (Deg C)	220 (104)						
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	0.2					.25	
HAZE	ASTM D 1003	%	2					3	
GLOSS (45 DEG)	ASTM D 2457	G.U.	85						
OXYGEN TRANSMISSION RATE	ASTM D3985 72°F (22°C), 0% RH	cc/100in <sup>2</sup> /24h (cc/m <sup>2</sup> /24h)	197 (3,054)	162 (2,511)	145 (2,248)	110 (1,705)	92 (1,426)	80 (1,240)	68 (1,054)
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

- Laminations for fresh cut produce in controlled atmospheric packaging (CAP)

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.