

TRANS-SEALING® EX-301 Polyester (PET)/Polyethylene (PE) Film

DESCRIPTION

EX-301 is a 48 gauge PET/2 mil PE component film structure.

CHARACTERISTICS

- Compatible with horizontal and vertical form-fill-seal packaging equipment
- Sealant layer is non-peelable
- Very good puncture and abrasion resistance
- Approved for direct food contact (call Transcendia for details)

COMPLIANCE

Please visit transcendia.com/compliance for more compliance information.

TECHNICAL DATA

PROPERTIES	UNIT OF MEASURE		TYPICAL VALUE		TEST METHOD
	US	Metric	US	Metric	
Thickness	in	µm	.0025	63.5	ASTM F2251
Yield	in ² /lb	g/m ²	11,035	63.6	ASTM D4321
Tensile Strength MD	psi	MPa	7,825	54	ASTM D882
Tensile Strength TD	psi	MPa	7,340	50	ASTM D882
Elongation at Break MD	%		90		ASTM D882
Elongation at Break TD	%		80		ASTM D882
Elmendorf Tear MD	grams force	mN	19	185	ASTM D1922
Elmendorf Tear TD	grams force	mN	17	165	ASTM D1922
Impact Strength	J		2.8		ASTM D3420
Puncture	lbs force	N	5	22	ASTM F1306
Haze	%		10.8		ASTM D1003
WVTR	g/100in ² /day	g/m ² /day	0.5	7.8	ASTM F1249
OTR	cc/100in ² /day	cc/m ² /day	8.0	130	ASTM D3985
Seal Strength to itself, 125°C, 80 psi, 1 sec dwell	lbs/in	N/mm	DESTRUCT	DESTRUCT	ASTM F88

*All information, recommendations and suggestions contained herein, including, without limitations, stated values (collectively the "Information") shall be used only as a guide by Purchaser and not for specification or any other purpose. The Information does not constitute a warranty nor guaranty of any type whatsoever. Purchaser should independently determine the suitability of all material purchased and must confirm adaptability and other characteristics by conducting its own test. Transcendia shall have no liability as a result of any loss, expense, damage, cost or other injury which results from Purchaser's reliance on the Information.

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