



HEAT SEALABLE Copolymer  
PET Homopolymer

TRANSPARENT, biaxially oriented polyester film,  
HEAT SEALABLE on one side.

## Characteristics

- SEALPHANE 10.94 is a transparent polyester film with a COEXTRUDED layer of CO-POLYMER adhesive.
- The CO-POLYMER adhesive layer is designed to heat seal onto itself or substrates such as APET, CPET, modified CPET, PET coated paperboard and PVC.
- Dual ovenable.
- The film has excellent transparency, dimensional stability and barrier.
- 10.94 can be used in direct contact with food (CFR177.1630).

## Applications

Versatile, heat sealable PET that can be used as a monolayer over-wrap or lidding film for tamper-evident packaging. It seals to itself or substrates such as APET, CPET, PET coated paperboard and PVC. It can also be converted with other products as part of a multi-layer structure. Higher seal strength than 10.93 for more demanding applications requiring robust seals.

## Typical Values

PROPERTIES		Test Conditions	Unit	Typical Values			
Thickness		ASTM D 374	Gauge	48	60	80	120*
Yield		ASTM D 646	Sq.in./lb.	41,900	33,500	25,100	16,800
Tensile strength at break	MD	ASTM D 882	kpsi	23			26
	TD			26			27
Elongation at break	MD	ASTM D 882	%	130	145		140
	TD			100	120		95
Initial modulus	MD	ASTM D 882	kpsi	570			570
	TD			610			580
Haze		ASTM D 1003	%	3			4
Shrinkage	MD	300°F / 30 min.	%	1.4	1.1		
	TD			0.1	0.1		
Coefficient of friction	Static	ASTM D 1894 (treated to untreated)	-	0.5			
	Dynamic			0.4			
Water vapor transmission rate		ASTM F 1249 100°F - 90% RH	g/100in. <sup>2</sup> 24 hrs.	2.6	1.9	1.8	1.3
Oxygen transmission rate		ASTM D 3985 75°F - 85% RH	cc/100in. <sup>2</sup> 24 hrs.	7	6.1	4.5	3.2
Heat seal strength		Film/Film @ 130C - 24 psi, 2 sec	gms/inch	600		800	1200

\* Volumes by request

**Note:**  
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For additional information, please contact our commercial department.

October 2007



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