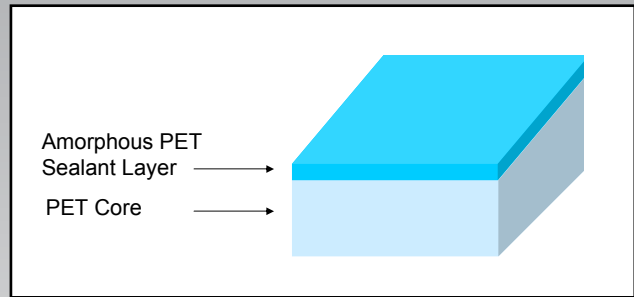


# HSPET25

HSPET25 is a transparent film with one side heat-sealable. It can be used as a monofilm and for printing and laminating in packaging applications.



## KEY FEATURES

- Sealable to itself or to other materials such as: APET, PETG, PVDC, or sheet metal
- The non-sealing side has the standard properties of a plain polyester film
- Complies with US FDA 21 CFR 177.1630 requirements for food packaging applications

## TYPICAL STRUCTURES

- Ink / HSPET25
- Print Web / Ink / Adh / PA25

## APPLICATIONS

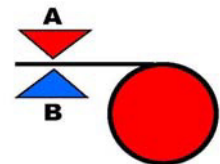
- Heat Seal
- Mono Web

## TECHNICAL DATA

PROPERTIES		METHOD	UNITS	TYPICAL VALUES				
Gauge			0.00001"	48	60	80	92	120
Nominal Yield			in <sup>2</sup> /lb	41,200	33,000	24,700	21,500	16,500
Tensile Strength at Break	MD	ASTM D882	lb/in <sup>2</sup>	37,000	37,000	38,000	39,000	39,000
	TD			36,000	36,000	37,000	37,000	37,000
Young's Modulus	MD	ASTM D882	lb/in <sup>2</sup>	69,500	69,800	67,700	67,400	61,300
	TD			69,500	69,600	69,800	70,900	70,200
Elongation at Break	MD	ASTM D882	%	115	120	125	125	125
	TD			120	125	132	137	137
Heat Shrinkage (150°C for 30 minutes)	MD	ASTM D1204	%	2.1	2.0	2.0	1.9	1.6
	TD			0.6	0.9	0.6	1.0	0.2
Coefficient of Friction	Treated vs. Plain	ASTM D1894	μ <sub>s</sub>	0.40	0.30	0.30	0.30	0.30
				μ <sub>D</sub>	0.38	0.26	0.26	0.26
Haze (1 sheet)		ASTM 1003	%	2.6	3.1	3.4	3.7	5.3
Seal Initiation Temp			°F	250	250	250	250	250
MVTR - 100 °F, 90% RH		ASTM F1249	g/100in <sup>2</sup> /day	1.9	1.8	1.6	1.4	1.1
O <sub>2</sub> Barrier 73 °F		ASTM D3985	cc/100in <sup>2</sup> /day	6.0	5.6	4.9	4.0	3.3

A = Plain Surface

B = Treated Surface



We accept no responsibility for results obtained by the application of this information or the safety or suitability of our products, either alone or in combination with other products. Users are advised to make their own tests to determine the safety and suitability of each product or product combination for their own purposes.