

HSMPET-F Polyester (PET) Film

DESCRIPTION

HSMPET-F is metalized polyester film that has good handling properties and is heat sealable on the non-metalized side.

CHARACTERISTICS

- Adhesive and ink receptive on the metalized side
- Suitable for use in lidding and flexible packaging applications.

FDA STATUS

Manufactured with materials compliant with FDA regulations.

COMPLIANCE

Please visit <https://www.transcendia.com/compliance> for more compliance information.

TECHNICAL DATA

PROPERTIES	UNIT OF MEASURE	TYPICAL VALUES			TEST METHOD
Thickness Range	Gauge	48	60	80	-
Yield	In ² /lb	41,500	33,100	24,800	ASTM F 372
Density	g/cm ³	1.4	1.4	1	ASTM D 1505
Tensile Strength MD	psi	36,000	36,000	36,000	ASTM D882A
Tensile Strength TD	psi	37,000	37,000	37,000	ASTM D882A
Elongation at Break MD	%	140	140	130	ASTM D882A
Elongation at Break TD	%	110	110	120	ASTM D882A
Optical Density Range	-	2.4 target, 2.0 min	2.4 target, 2.0 min	2.4 target, 2.0 min	-
Heat Seal Range	°F	250-300	250-300	250-300	33 PSI @ 1 Sec.
WVTR	gm/100in ² ,24 hr.atm	-	-	0.05	ASTM F 1249
OTR	cc/100in ² ,24h r.atm	-	-	0.08	ASTM D 3985
Coefficient of Friction	Kinetic	0.50	0.50	0.52	ASTM D1894
Coefficient of Friction	Static	0.50	0.50	0.53	ASTM D1894

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