

SEPEHR POLYMER SEPAHAN COMPLEX

Product	Polyethylene Terephthalate film
Grade	SPS-METPET-10

Product Description:

SPS-METPET-10 is a metallized polyester film
 It is one side corona treated & other side untreated
 Metallized film is advised to be primer covered before printing

Application:

Lamination & Conversion
 Board lamination & label application

Key Features:

- * High tensile strength for easy lamination
- * Excellent heat reflection properties
- *Mirrored metallic Surface
- *Excellent WVTR, OTR, and light barrier properties
- *Excellent adhesion and bright foil appearance

Properties	Technical value				Unit	Test Method
Thickness	10	12	18	23	Micron	SPS
	40	48	72	92	Gauge	
Optical density	2	2	2	2	%	ASTM D-1003
Yield	71.43	59.52	39.68	31.05	m ² /Kg	SPS
	50325	41934	27956	21876	In ² /lb	
Tensile	186	186	196	196	Mpa TD	ASTM D-882
	176	176	186	186	Mpa MD	
Elongation	90	90	90	90	% TD	ASTM D-882
	100	110	110	115	% MD	
Linear Shrinkage (Min) (30 minute at 150°C)	<1.0 <3.0				% TD	ASTM D-1204
					% MD	
Density	1.4	1.4	1.4	1.4	gm/cc	ASTM D-1505
Grammage	14	16.8	25.2	32.2	gm/m ²	SPS
C.O.F (plain to plain)	0.50	0.50	0.50	0.50	-	ASTM D-1894
O.T.R.(23°C & 0%RH)	1.1	1.1	1.1	1.0	cc/m ² /day	ASTM D-3985
	0.07	0.07	0.07	0.06	cc/100in ² /day	
W.V.T.R.(38°C & 90%RH)	1.0	1.0	1.0	0.6	gm/m ² /day	ASTM F-1249
	0.06	0.06	0.06	0.04	gm/100in ² /day	

This film complies with the food standards. Full detail can be provided on request.
 SPS CO film does not guarantee the typical values. Any data included herein is based upon analysis of representative samples and not the actual product shipped. This Information relates only to specific material designated and may not be valid for such material used in combination with any other material or in any process.
 SPS CO strongly suggest that before any vast usage, make sure to test our production first.