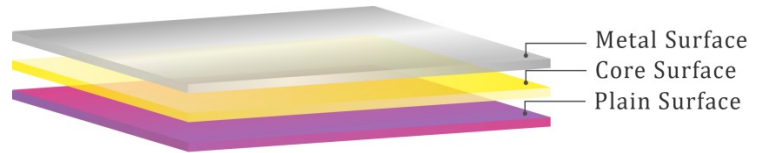


## Metallized Polyester Film (M-AA)



**KEY FEATURES**-SPARSHPET-M-AA is Bi-axially Oriented Vacuum Metallized film with enhanced barrier and high gloss properties. The film possesses good mechanical, surface & thermal properties.

**APPLICATIONS**-Suitable for flexible packaging applications like snack foods, Tea etc. as well as industrial & decorative applications like ducting, false ceiling, gift wrapping and other similar applications.

TECHNICAL DATA SHEET						
Properties		Unit	Test Method	Typical Values		
<b>General</b>						
Thickness		Micron	SIPL	8±0.2	10±0.2	12±0.3
Yield		M <sup>2</sup> /Kg	SIPL	89.3	71.4	59.5
<b>Optical</b>						
Optical Density (Tolerance +/-5%)			SIPL	2.2	2.2	2.2
<b>Mechanical</b>						
Tensile Strength (Min)	MD	Kg/cm <sup>2</sup>	ASTM-D 882	2000	2000	2000
	TD			1900	1900	1900
Elongation	MD	%	ASTM-D 882	120±20	120±20	120±20
	TD			120±20	120±20	120±20
<b>Surface</b>						
Surface Tension (Min)		Metallize side	Dyne/cm	ASTM-D 2578	56	56
Coefficient of Friction (COF)		-	Static/Dynamic	ASTM-D 1894	0.42/0.33	0.42/0.33
<b>Thermal</b>						
Shrinkage @ 150° C/30'	MD	%	ASTM-D 1204	2.0±0.5	2.0±0.5	2.0±0.5
	TD			0.4±0.2	0.4±0.2	0.4±0.2
<b>Barrier</b>						
MVTR (38 °C/ 90% RH)			g/m <sup>2</sup> /day	ASTM F-1249	<1.0	<1.0
Oxygen Permeability (25 °C/ 0 % RH)			cc/m <sup>2</sup> /day	ASTM D 3985-95	<1.0	<1.0

**Disclaimer:** The data sheet information is to the best of our knowledge and experience. Some values may be customized wherever possible, as per the customer's requirement. Sparsh Industries Pvt. Ltd makes no warranty, whatsoever, to the product fitness for any specific use. Data sheet is purely for reader's consideration and verification for sale or contract.

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