

ARYAFILM A450 is both side plain polyester film , this film is suitable for thermal lamination due to its controlled thermal properties in transverse direction.



→ Standard Surface

→ PET core Layer

→ Standard Surface

Sr. No.	Properties		Unit	Test Method	Target	Minimum	Maximum
General							
1	Thickness		Micron	JBF Method	50	49	51
			Gauge		200	196	204
2	Yield		M ² /Kg	JBF Method	14.29	14.01	14.58
3	Density		gm/cc	ASTM D 1505	1.395		
4	Service Temp		°C	JBF Method	-70 to 150		
Mechanical							
1	Tensile Strength at break	MD/TD	Kg/cm ²	ASTM D 882	1900	1700	2100
			(Kpsi)		27.0	24.2	29.9
2	Elongation at break	MD	%	ASTM D 882	140	100	180
		TD			130	90	170
3	Co-efficient of friction (One side to Other side)	Static	--	ASTM D 1894	0.45	0.35	0.55
		Dynamic			0.40	0.30	0.50
Thermal							
1	Shrinkage @ 150° C/30'	MD	%	ASTM D 1204	1.6	1.0	2.2
		TD			1.8	1.2	2.4
2	Melting Point		°C	DSC	252	250	255
Optical							
1	Haze		%	ASTM D 1003	7.0	5.0	9.0
2	Transmittance		%	ASTM D 1003	88	85	91
Surface treatment level							
1	Both side		Dynes/cm	ASTM D 2578	44	42	46

MD = Machine Direction, TD = Transverse Direction

Storage & Handling: ARYA FILM need to be stocked in a closed warehouse & should not be exposed to direct sun light or light sources. Avoid extreme of humidity and heat. It is recommended to store below 40°C in dry places in original packing

Food Contact: ARYA FILM complies with EU10/2011 and US FDA regulations, Specific document and MSDS are available on request.

Disclaimer: The information given above is to the best of our knowledge and experience. Some of the properties can be changed as a result of suppliers' efforts to improve upon the quality or production efficiency of the subject. The information is believed to be true and accurate and is not intended to violate any statutory condition or right of a third party. JBF makes no warranty, express or implied, as to the fitness of the product for any specific use or purpose. The above data is purely for readers' consideration, investigation and verification and should be read in conjunction with the conditions for sale or contract

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