

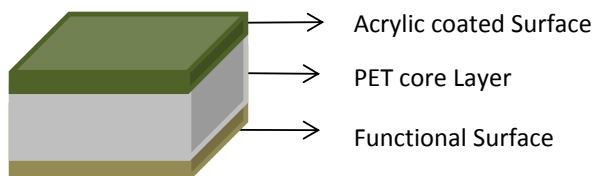


Technical Data Sheet

ARYAFILM - A438

ARYAFILM

ARYAFILM A438 is one side high coefficient of friction other side acrylic coated polyester film. this film is suitable for printing, lamination, and big bulk packaging.



Sr. No.	Properties	Unit	Test Method	Target	Minimum	Maximum	
General							
1	Thickness	Micron	JBF Method	12	11.64	12.36	
		Gauge		48	46.56	49.44	
2	Yield	M ² /Kg	JBF Method	59.52	57.79	61.36	
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 (Kpsi)	ASTM D 882	2100	1900	2300
					29.9	27.0	32.7
2	Elongation at break	MD	%	ASTM D 882	130	90	170
		TD			120	80	160
3	Co-efficient of friction (One side to Other side)	Static	--	ASTM D 1894	1.00	0.80	Block
		Dynamic			1.00	0.80	Block
Thermal							
1	Shrinkage @ 150° C/30'	MD	%	ASTM D 1204	1.8	1.2	2.4
		TD			0.4	0.0	0.8
2	Melting Point	°C	DSC	252	250	255	
Optical							
1	Haze	%	ASTM D 1003	3.5	2.5	4.5	
2	Transmittance	%	ASTM D 1003	88	85	91	
Surface treatment level							
1	Acrylic coated side	Dyne/cm	ASTM D 2578	40	38	42	
2	Functional side	Dyne/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

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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