

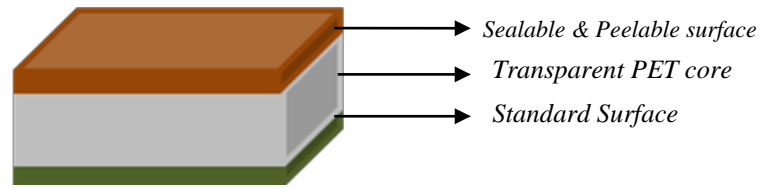


Technical Data Sheet

ARYAPEEL - AL400

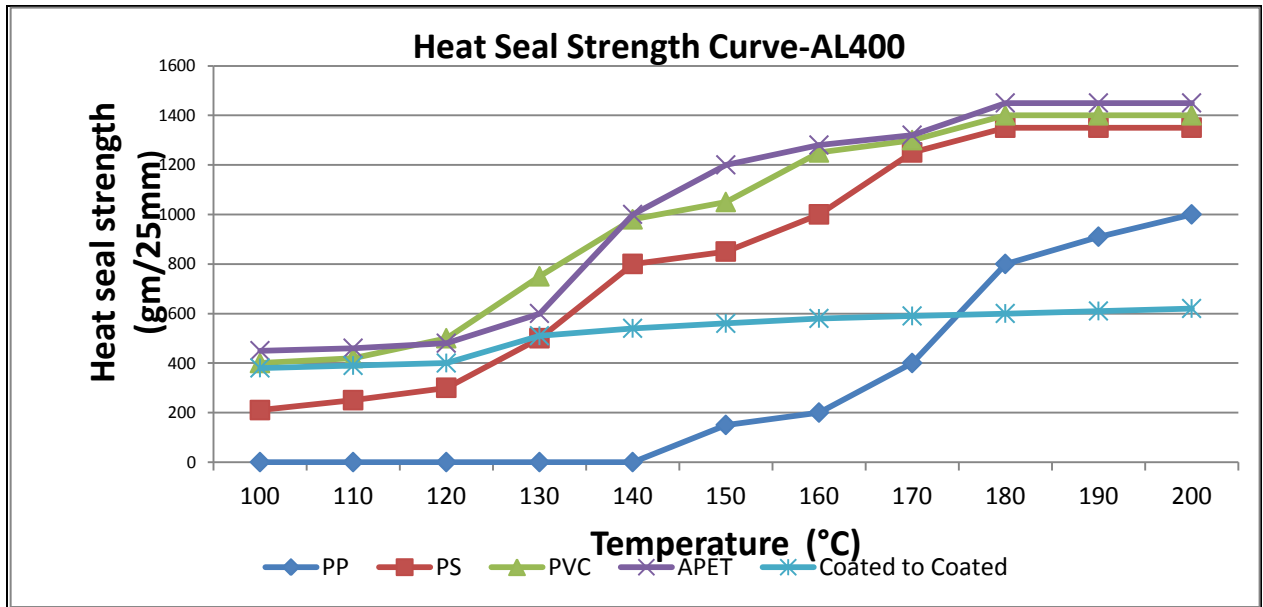
ARYAFILM

ARYAPEEL AL400- One side Heat sealable & peelable, other side plain Polyester film suitable for lidding applications. Heat sealable layer is designed to provide peelable Seal with APET, CPET, PETG, PVC, PS, PP & Itself. It is recommended for Non oily and Oily food items.



Sr.No	Properties	Unit	Test Method	Typical Values					
General									
1	Thickness	Micron (Gauge)	JBF Method	21 (84)	25 (100)	30 (120)	38 (152)	52 (208)	
2	Yield	M ² /Kg	JBF Method	34.01	28.5	23.80	18.79	13.73	
Mechanical									
1	Tensile Strength at break	MD	Kg/cm ² (Kpsi)	ASTM D 882	2100 (29.8)	2000 (28.4)	2000 (28.4)	2000 (28.4)	1900 (27.0)
		TD			2200 (31.2)	2100 (29.8)	2100 (29.8)	2100 (29.8)	2000 (28.4)
2	Elongation at break	MD	%	ASTM D 882	130	130	130	130	130
		TD			120	120	120	120	120
3	Co-efficient of friction	Static	--	ASTM D 1894	0.80	0.80	0.80	0.80	0.80
		Dynamic			0.60	0.60	0.60	0.60	0.60
4	Heat Seal Strength 180°C, 1S & 420 N	PP	gm /25mm	JBF Method	800	800	800	800	800
		PS			1100	1100	1100	1100	1100
		APET			1100	1100	1100	1100	1100
		PVC			1100	1100	1100	1100	1100
		Seal to Seal			600	600	600	600	600
Optical									
1	Haze	%	ASTM D 1003	9	9	9	9	9	
Thermal									
1	Shrinkage @150 ⁰ C/30'	MD	%	ASTM D 1204	2.2	2.0	2.0	2.0	1.6
		TD			0.0	0.0	0.0	0.0	0.0
2	Melting Point	°C	DSC	255	255	255	255	255	

Heat Seal Strength Profile



Sealing condition: Sealed at 420 N, 1 second

MD = Machine Direction, TD = Transverse Direction.

Storage & Handling: ARYAFILM 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: ARYAFILM complies with EC (EU 2015/174) and FDA (21 CFR § 175.300) regulations on packaging for direct Contact with foodstuffs. Specific document and MSDS are available on request.

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