

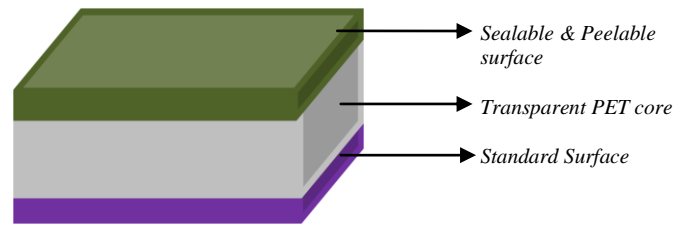


## Technical Data Sheet

### ARYAPEEL – AT600

# ARYAFILM

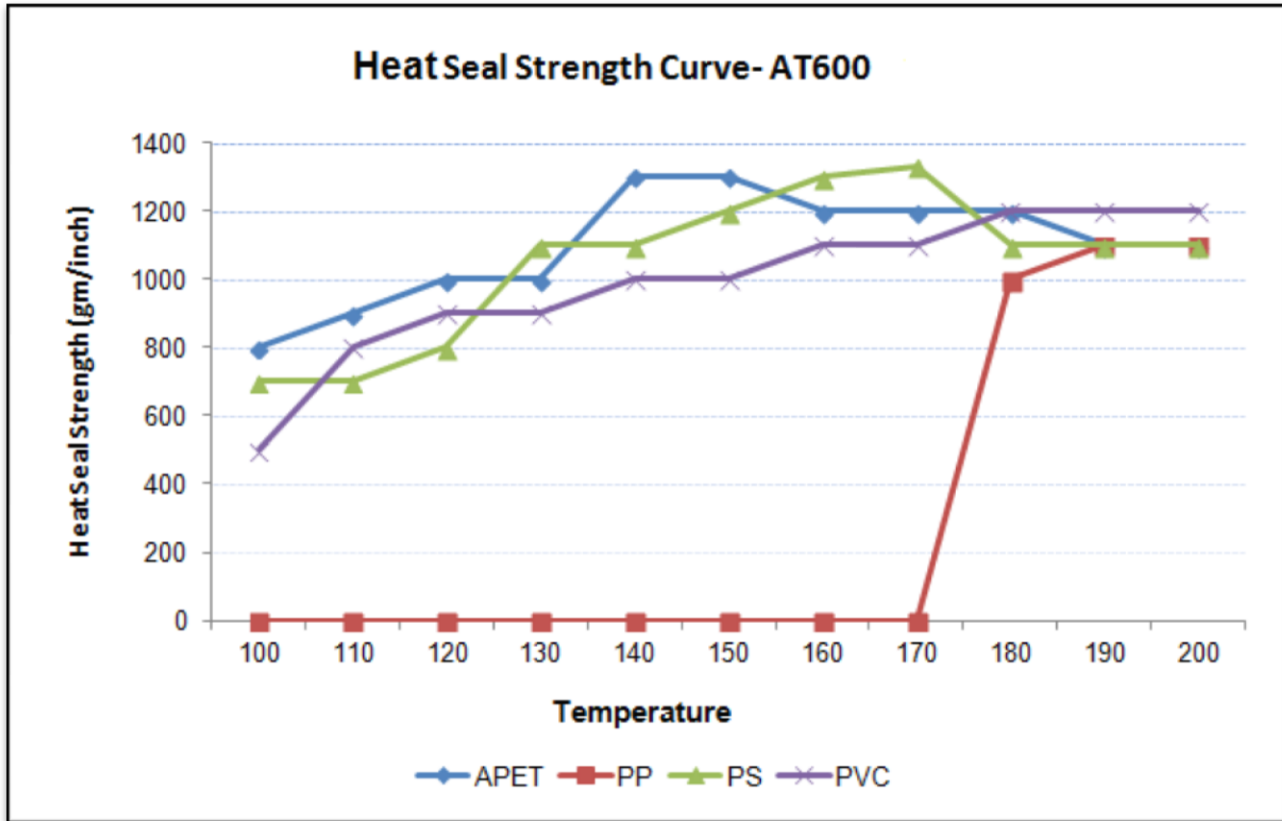
**ARYAPEEL AT600-** Milky White Film with one side Heat sealable & peelable, other side plain Polyester film suitable for lidding applications. Heat sealable layer designed to Seal & Peel with APET, CPET, PETG, PVC, PP & PS. It is recommended for Non oily and oily food items.



Sr. No.	Properties	Unit	Test Method	Typical Values					
<b>General</b>									
1	Thickness	Micron (Gauge)	JBF Method	21 (84)	25 (100)	30 (120)	38 (152)	52 (208)	
2	Yield	M <sup>2</sup> /Kg	JBF Method	34.01	28.5	23.80	18.79	13.73	
<b>Mechanical</b>									
1	Tensile Strength at break	MD	Kg/cm <sup>2</sup> (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	1000	1000	1000	1000	1000
		PS			1000	1000	1000	1000	1000
		APET			1000	1000	1000	1000	1000
		PVC			1000	1000	1000	1000	1000
		Seal to Seal			500	500	500	500	500
<b>Optical</b>									
1	Haze	%	ASTM D 1003	80	80	80	80	80	
<b>Thermal</b>									
1	Shrinkage @150 <sup>o</sup> C/30'	MD	%	ASTM D 1204	2.0	2.0	2.0	2.0	1.6
		TD			0.4	0.4	0.4	0.4	0.4

Heat Seal strength Graph with various Substrates.

## 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 35°C in dry places in original packing.

**Food Contact:** ARYAFILM complies with EC (EU 202/2014) 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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