



Technical Data Sheet

ARYAPEEL - AG400

ARYAFILM

ARYAPEEL AG400 - One side Heat sealable Peelable with Antifog property other side Plain Polyester film suitable for lidding application. Heat sealable layer designed to give Seal & Peel with PP, APET, CPET, PETG, PVC, HDPE & PS. It is recommended for Non oily food items.



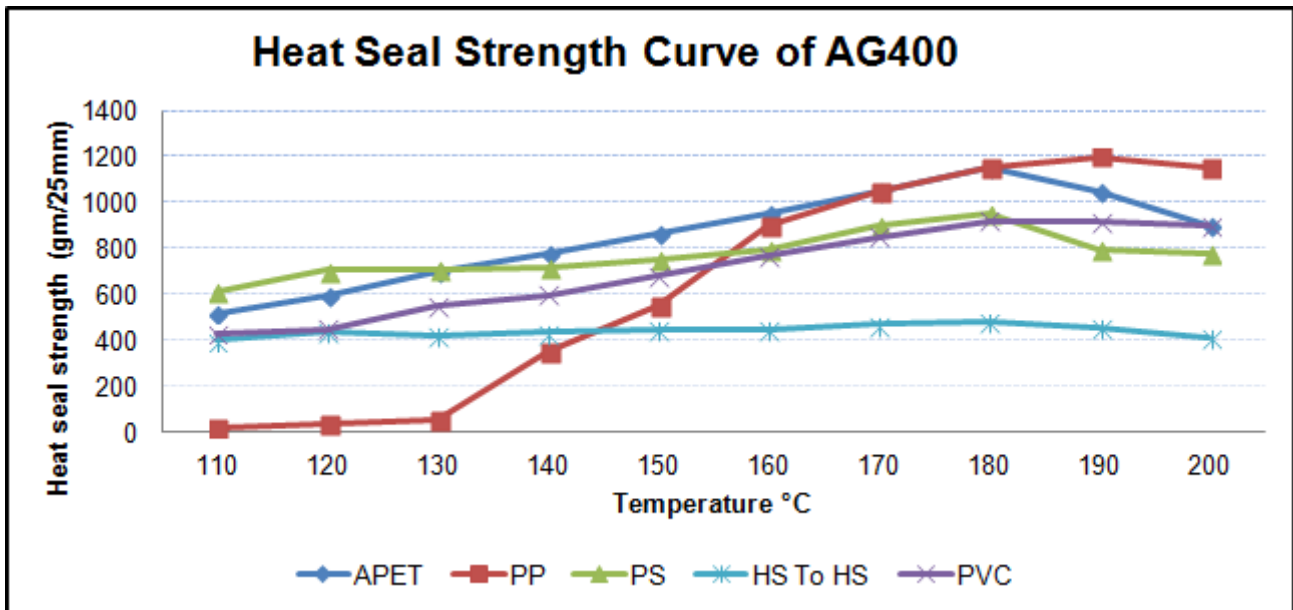
→ Sealable Peelable Antifog surface

→ Transparent PET core

→ Standard surface

Sr.No.	Properties		Unit	Test Method	Typical Values				
General									
1	Thickness		Micron (Gauge)	JBF Method	14 (56)	21 (84)	25 (100)	38 (144)	
2	Yield		M ² /Kg	JBF Method	51.02	34.01	28.5	18.79	
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)
			TD			2200 (31.2)	2100 (29.8)	2100 (29.8)	2100 (29.8)
2	Elongation at break		MD	%	ASTM D 882	130	130	130	130
			TD			120	120	120	120
3	Co-efficient of friction		Static	--	ASTM D 1894	0.90	0.90	0.90	0.90
			Dynamic			0.80	0.80	0.80	0.80
4	Heat Seal Strength	180 ^o C, 1 S & 420 N	APET	gm/25mm	JBF Method	800	800	800	800
			PVC			800	800	800	800
			PS			800	800	800	800
			PP			800	800	800	800
			HDPE			800	800	800	800
			Seal to Seal			450	450	450	450
Optical									
1	Haze		%	ASTM D 1003	12	12	12	12	
Thermal									
1	Shrinkage @150 ^o C/30'		MD	%	ASTM D 1204	2.2	2.0	2.0	2.0
			TD			0.0	0.0	0.0	0.0
2	Anti fog Test (Hot & Cold)			JBF Method	Pass	Pass	Pass	Pass	

Heat Seal Strength profile



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 202/2014 & EU 10/2011) and FDA (21 CFR § 175.105 & 21 CFR § 175.300) regulations on packaging for direct contact with foodstuffs. Specific document and MSDS are available on request.

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