

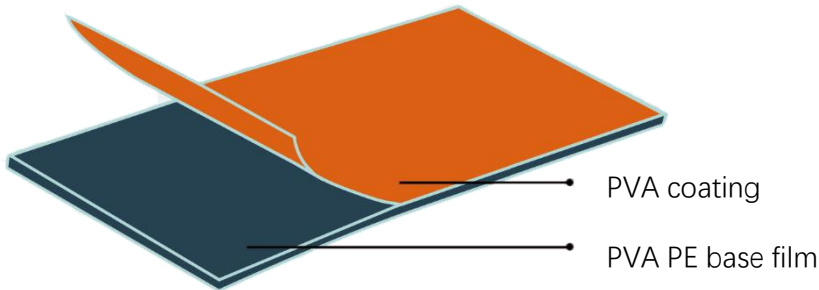
TECHNICAL DATA SHEET

APE



- PVA-coated film has a good barrier function for gases (oxygen, nitrogen, carbon dioxide) and small molecule volatiles.
- It is used to improve the gas resistance of flexible packaging materials and has a good protective effect on contents with high oil content, easy oxidation, deterioration, browning, and aroma escape, such as meat products, spice cupcakes, dried fruits, tea, etc., which can prolong the shelf life of the products.

Film Structure



Coating a transparent PVA at PE base film of different thickness

Thickness	Width Range	Basic Weight	Square Meters/Ton	The Roll Size	Length of	Diameter of Standard Roll
μm	mm	g/m^2	m^2/T	inch	m	mm
50	500- 2400	46.5	21505	3	4000	515
60		55.7	17953			562
70		64.9	15408			607
80		74.1	13495			648

Diameter range:515mm-1000mm

Description of Production		APE60		
Item		Unit	Test Values	Test Method
Thickness		μm	60	GB6672-2001
Tensile Strength	MD	Mpa	22	GB/T1040.3-2006
	TD	Mpa	25	
Elongation at Break	MD	%	681	
	TD	%	1062	
Friction Coefficient	I/I	/	0.28	GB10006-1998
	O/O	/	0.16	
Haze		%	12	GB2410-2008
Glossiness		%	75	GB8807-1998
Wetting Tension		mN/cm	38	GB/T 14216-2008
Oxygen Permeability		$\text{cm}^3/\text{m}^2 \cdot \text{d} \cdot 0.1\text{Mpa}$	2.5	GB/T 1038-2000
Water Vapour Permeability		$\text{g}/\text{m}^2 \cdot \text{d}$	5	GB/T 1037-1998

Typical applications (BOPE25/APE50 OTR: 2.8 WVTR:4.3)
TIPS: The coated side faces inward.