

ZHEJIANG KAIFENG NEW MATERIAL LIMITED BY SHARE LTD
Technical Specification of Aluminum foil lined base paper

Material	Application
The special base material for the inner lining of traditional cigarette packs features uniform paper fiber structure, smooth and clean paper surface, small thickness deviation, excellent tensile strength and toughness. It also has excellent bonding performance suitable for aluminum foil composite process, stable surface tension, and is unlikely to cause problems such as blistering, delamination, or wrinkling during the bonding process. Moreover, it has appropriate air permeability and humidity stability to match the production conditions of cigarette packaging, and has extremely strong processing adaptability.	It is mainly used for the inner lining packaging of mid-to-low-end regular cigarettes and standard-sized cigarettes. It is the core base material of the traditional aluminum foil composite inner lining paper. It is widely compatible with the high-speed composite, die-cutting and forming production lines of various cigarette factories. It mainly serves to prevent moisture, preserve fragrance, isolate air and protect the quality of cigarette rods, meeting the basic packaging protection requirements of regular cigarettes.

TDS No:		KF JS-LBCYZ0205A		Testing Condition: (23±1) °C& (50±3) %					Date: November 2024	
Item		Unit	Standard	Tolerance	Nominal					
1.Grammage		g/m2	ISO 536	±5%	28-40	41-50	51-60	61-70	71-80	
2.Moisture		%	ISO 287	±2	5					
3.Thickness		μm	ISO 534	±5	38	55	68	82	94	
4.Cobb	PS	g/m2	ISO 535	±10	25					
	RS									
5.Stretch	MD	%	ISO 1924-2	≥	1					
6.Tensile strength	MD	kN/m	ISO 1924-2	≥	1.6	2	2.5	3	3.5	
7.D65 brightness		%	ISO11475	≥	80					
8.D65 fluorescent brightness		%	ISO11475	≤	0.7					
9.OBA		/	GB31604.47	/	negative					
10.Ash content		%	ISO2144	/	46254					
13.Dust degree	≤1.5mm²	number /m²	GB/T 1541	≤	40 0					
	>1.5mm²									

MD = Machine Direction

Appearance:Even surface without wrinkle, uniform tightness of single paper roll,no visible defects that maybe influence the printing performance such as hardness, mosquitoes, hair, etc.This product hygiene indicators comply with tobacco related standards

Core general requirements: inner diameter is 76mm.

These values are average values from the production results and do never form a specification for a certain product.

The above date does not relieve the user from carrying out tests by himself.

A legal binding assurance of specific properties for a specific application purpose cannot be given.