

ZHEJIANG KAIFENG NEW MATERIAL LIMITED BY SHARE LTD
Technical Specification of Rust proof base paper

Material				Application			
Rust proof base paper is a neutral carrier substrate specifically designed for vapor-phase rust-inhibiting paper. It strictly controls the content of water-soluble chloride and sulfate ions, maintaining a stable pH within the neutral range to prevent electrochemical corrosion of metals. The paper features high surface strength and excellent abrasion resistance, ensuring minimal powdering or fiber lifting during rewinding, cutting, and end-use packaging. Free from fluorescent agents and heavy metals, it contains no harmful substances. With consistent physical and chemical properties, the product offers customizable grammage and width, making it ideal for storage and long-distance maritime shipping of various metal components.				Widely used for storage, maritime shipping, and cross-border export packaging of machined parts, automotive components, bearings, molds, hardware stampings, steel pipes and sheets, electrical appliances, and precision metal parts in military and industrial applications; suitable for single-sheet isolation padding, full-item wrapping, and internal box protection, capable of replacing rust-inhibiting oils and anti-rust bags, simplifying the degreasing and cleaning process before metal parts leave the factory.			
TDS No:	KFJS-FXYZ01A -2026	Testing Condition:		(23±1) °C& (50±3) % Date: January 2026			
Item		Unit	Standard	Tolerance	Nominal		
1.Grammage		g/m2	ISO 536	±5%	40	50	60
2.Moisture		%	ISO 287	±2	7		
3.Thickness		µm	ISO 534	±5	55	70	85
4.Cobb	US	g/m2	ISO 535	±10	50		
	WS						
5.Tensile strength	MD	kN/m	ISO 1924-2	≥	2.5	3.0	3.5
	CD				1.5	1.8	2.2
6.Tensile strength	MD	kN/m	ISO 1924-2	≥	0.25		
7.burst		kpa	ISO 2758	≥	150	180	220
8.pH		/	ISO 6588-2	/	6.5-8.0		
9.Chloridion		ppm	ISO 9197	≤	200		
10.Chromatic aberration		/	ISO 11664	/	△E≤2		
MD = Machine Direction CD = Cross 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. 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.							