

ZHEJIANG KAIFENG NEW MATERIAL LIMITED BY SHARE LTD									
Unbleached Industrial Barrier Paper									
Material		Application							
Industrial barrier paper is a specialised barrier substrate designed for general industrial painting and spraying applications. The paper surface is dense and free from pinholes, effectively preventing the penetration of various paints, thinners, baked enamels, inks, industrial greases and chemical solvents. The coating adheres firmly, without peeling, chalking or shedding paper particles; the paper possesses excellent flexibility, allowing it to conform to the curved surfaces and crevices of various irregularly shaped workpieces, and is compatible with automated further processing production lines such as roll slitting, lamination and pre-taping. The product utilises an industrial-grade formulation throughout, with no harmful substances prone to leaching and low dust emissions, making it suitable for spray coating applications across all categories, including machinery, hardware, automotive parts, furniture, and household appliances.		Coating of general industrial components: protection and masking during paint spraying, powder coating and electrophoretic coating processes for metal sheetwork, aluminium alloy parts, stamped components, furniture components and household appliance casings. Automotive component coating: isolation and masking during paint spraying of complete vehicles, bumpers, wheel rims, chassis components and construction machinery sheetwork; covering of glass, rubber and plastic areas not to be coated. Supporting applications in spray painting workshops: Underlay pads for the floors of spray booths and machining equipment to catch oil stains; paint mist barrier paper to prevent paint penetration and corrosion of equipment bases. Metalworking protection: Isolation barrier paper for machined components to prevent cross-contamination of semi-finished parts undergoing spray painting by cutting oils and anti-rust greases. Colouring and baking of crafts and small metal parts: Selective masking of various metal and plastic workpieces to enable multi-colour spraying and localised protection.							
		TDS No: KFJS-UGYZGZ01A Tesating Condition: 23±1 °C & 50±3 % Date: September 2024							
		Item	Unit	Standard	Tolerance	Nominal			
		1. Grammage	g/m ²	ISO 536	±5%	30	40	50	80
2. Moisture	%	ISO 287	±2	6					
3.Thickness	µm	ISO 534	±5	45	55	70	110		
4. Cobb	PS	g/m ²	ISO 535	≤	28				
	RS								
5. Stretch	MD	%	ISO 1924-2	≥	1.8 4				
	CD								
6. Tensile strength	MD	N/15mm	ISO 1924-2	≥	31	46	53	91	
	CD				16	23	26	53	
7. Tearing resistance	MD	mN	ISO 1974	≥	100	190	300	800	
	CD				120	200	320	850	
8. Burst		kpa	ISO 2758	≥	105	155	185	305	
9. Smoothness		s	ISO 5627	≥	PS: 30, RS:15				
10. Kit level		level	Kit Test	≥	5				
11. OBA		/	GB31604.47	/	negative				
12. Odour		/	EN 1230	/	≤ level 1				
15. Waterproof test		/	Factory standard	/	Water droplets stand for 10s without penetration				
MD = Machine Direction CD = Cross Direction									
Appearance:Even surface without wrinkle, uniform tightness of single paper roll,no visible defects that maybe influence the using 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.									