**ZHEJIANG KAIFENG NEW MATERIAL LIMITED BY SHARE LTD**

**PS Interleaving Paper**

| Material | Application |
|---|---|
| Clean surface: Free from impurities, does not shed powder, non-fluorescent; does not contaminate the photosensitive layer of PS plates, ensuring plate-making clarity<br>High smoothness: The paper surface is flat and fine-textured, adhering closely to the plate material to effectively prevent scratches during transport and processing<br>Non-stick to the photosensitive layer: Compatible with the photosensitive coating of PS plates; does not stick or leave residues, and does not affect the development results of plate-making<br>Dimensional stability: Uniform moisture content; does not warp or deform; suitable for automated plate-making and printing equipment<br>Moderate toughness: Balanced strength; resistant to tearing and damage; meets the requirements for stacking and transporting plates with protection<br>Good moisture resistance: Barriers against moisture, preventing plates from becoming damp and deteriorating; extends the storage life of PS plates | Protective interleaving paper for the production, storage and transport of PS plates, preventing scratches, moisture damage and contamination when plates are stacked<br>Protection during the PS plate-making process, safeguarding the photosensitive coating and ensuring plate-making accuracy and development results<br>Specialised protective solutions for PS plates in the offset printing, packaging printing and book and periodical printing industries, amongst others<br>Protection for the storage and transit of plates at printing plate manufacturers, plate-making centres and printing works |

**TDS No:** KFJS-PS01A **Tesating Condition: 23±1 ℃ & 50±2 %** **Date: January 2025**

| Item | | Unit | Standard | Tolerance | Nominal | | | |
|---|---|---|---|---|---|---|---|---|
| 1. Grammage | | $g/m^2$ | ISO 536 | ±5% | 30 | 32 | 35 | 37 |
| 2.Thickness | | µm | ISO 534 | ±5 | 40 | 43 | 47 | 49 |
| 3. Moisture | | % | ISO 287 | ±2 | 6.0 | | | |
| 4. Tensile strength | MD | kN/m | ISO 1924-2 | ≥ | 2.2 | 2.5 | 2.8 | 3.0 |
| | CD | | | | 1 | 1.1 | 1.2 | 1.3 |
| 5. Smoothness | PS | S | ISO 5627 | ≥ | 40 | | | |
| | US | | | | 15 | | | |
| 6 Cobb | | $g/m^2$ | ISO535 | ≥ | 30.0 | | | |
| 7. Air Permeability | | um/Pa.S | ISO 5636-3 | ≤ | 2 | | | |
| 8. OBA | | / | GB31604.47 | / | negative | | | |
| 9. PH | | / | / | ±1 | 7.0 | | | |
| 10. Dust Degree | ≤ $0.5mm^2$ | $pcs/m^2$ | GB/T 1541 | ≤ | 30 | | | |
| | > $0.5mm^2$ | | | | 0 | | | |
| 11. Odour | | level | EN 1230 | ≤ | 1 | | | |

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.