Heat seal Paper

LAMiNA

Recently, against the backdrop of growing attention to the marine plastic waste problem, demand for reusable and biodegradable materials has increased.
In the packaging sector in particular, paper is being reevaluatedas an environmentally friendly material.In this environment, our company applied its long-cultivated paper manufacturing and coating technologies to develop “LAMINA®,” a heat sealable paper that enables packaging made entirely of paper.

Features of LAMINA®

1 Since “paper” is the base material, it offers excellent environmental compatibility.

Lamitated papers use materials such as PE (polyethylene) or PP (polypropylene) for the sealing surface.
By replacing the laminate layer with “LAMINA®,” a recyclable material based on paper, the biomass ratio can be increased.

2 Excellent recyclability and biodegradability

When used in secondary packaging where there is no risk of contamination or in primary packaging for daily necessities, recyclability improves.
By using the marine biodegradable biopolymer “Green Planet® in the heat seal layer,
we contribute to solving marine pollution and soil contamination.



Lamina® imade

3 No lamination for sealing is required, significantly shortening the production process

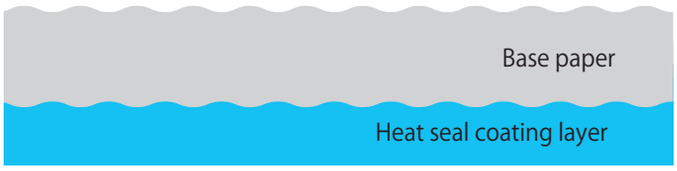
- For standard plastic laminated paper, the production process is:
  <Printing → Lamination → Aging Process → Slitting → Shipping>.
- However, when using “LAMINA®” , the production process can be shortened to:
  <Printing → Slitting → Shipping>.

Examples of Use

Foods (for secondary packaging), cosmetics, daily miscellaneous items, distribution materials and other items

Side view of a LAMINA®

Printing surface



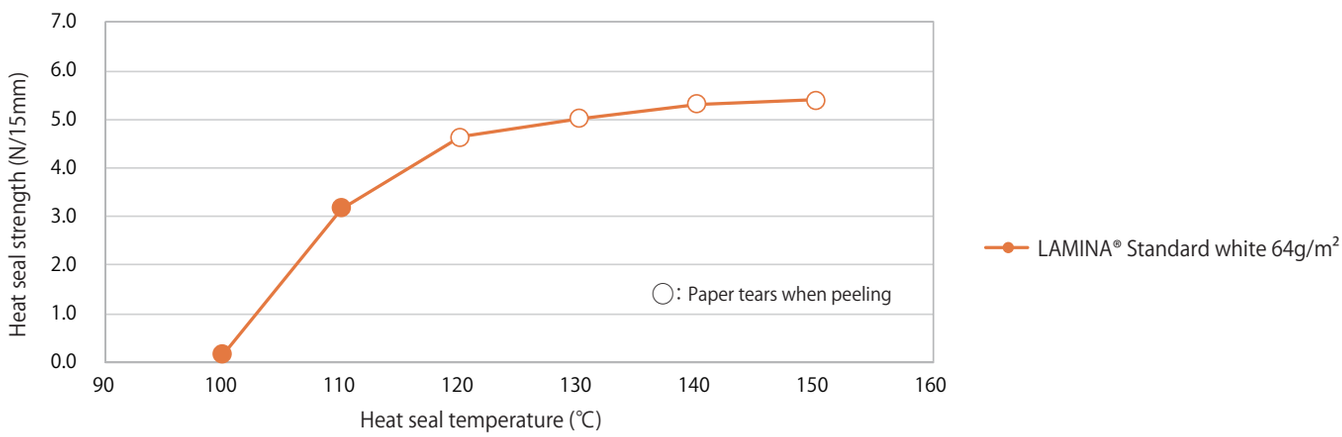
LAMiNA

- It does not provide a barrier.
- It is designed to bond to other coated surfaces.

Content

Heat seal strength

- Bace ppaer for evaluation : "LAMINA® Standard white 64g/m²"
- Heatseal condition : 2kgf/cm² × 0.5sec (coated surface/uncoated surface)
- Peeling method : JIS Z1707 (Peeling speed : 200mm/min)



Lineup

※ 2026.10

【Product lineup】

Product	Basis Weight (g/m²)	Thickness (μm)	Gravure Printing
LAMINA® Standard White(Compostable)	64	about 75	-
LAMINA® MG White(Compostable)	58	about 75	◯
LAMINA® MG Semi-Brown(Compostable)	48・68	about 60-100	◯
LAMINA® C1S White	70	about 70	◎
LAMINA® Kraft Brown	65	about 95	-

*We are able to design and offer dimensions and specifications not listed above (such as forest certification paper), so please feel free to contact us.

Please check this !

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