

PaperOne™ Envelope

Product Information and Specifications

PAPERONE™ ENVELOPE is the ultimate paper for Envelopes with excellent print quality. Specially engineered for modern envelope making machines. PAPERONE™ ENVELOPE is available in high-bright white shade and is produced using 100% ECF pulp from PEFC certified renewable plantation fibre. This paper is alkaline sized to meet ISO 9706 for archival quality.

Benefits



High Strength Paper



Better Productivity & Profits



Excellent Printability



No Post Print Curling



Reduced Dusting

Properties	Unit	Testing Method	Tolerance	NW75	NW77	NW90	HW90	NW100	NW105
Grammage	gsm	ISO 536	± 3%	75	77	90	90	100	105
Thickness	µm	ISO 534	± 3	103	105	122	122	130	133
CIE Whiteness		ISO 11475	± 2	150	150	150	158	150	150
ISO Brightness	%	ISO 2470	± 2	95	95	95	94	95	95
ISO Opacity	%	ISO 2471	± 2	92	92	95	95	96	97

Finishings

- High Strength Envelope Making
- Gluing and Indexing
- Spiral Binding
- Cutting and Folding

Printing Methods

- Sheet Fed Offset
- Heat-set Web Offset
- Cold-set Web Offset



Specification are accurate as of April 2026 in accordance with international standards for tolerances and subjected to changes. Based on benchmarking studies under controlled conditions, subject to change. The values are as testing results in Riau Paper Laboratory, which has been applying TAPPI T402 as room condition standard in 23 ± 1 °C and 50 ± 2% humidity