

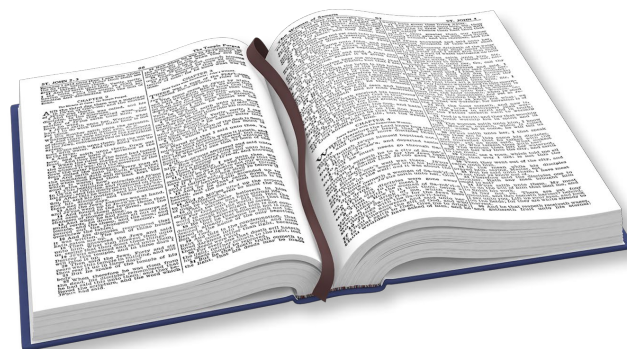


# thinopaque

thinopaque is a wood-free uncoated thinprint paper. It offers exceptional opacity in natural white shade. With its excellent formation and equal sides, the paper is the first choice for religious literature, legal and financial publications, diaries, and much more. thinopaque is suitable for 1 or 2 color printing in heatset web-offset and coldset as well as sheet-fed printing.

## applications

- religious literature
- legal and financial publications
- general literature
- pharma and cosmetic leaflets



## specifications

| parameter             | unit               |        |        |        |        |        |       |       |       | standard    |
|-----------------------|--------------------|--------|--------|--------|--------|--------|-------|-------|-------|-------------|
| basis weight          | g/m <sup>2</sup>   | 28.0   | 30.0   | 33.0   | 36.0   | 40.0   | 45.0  | 50.0  | 60.0  | ISO 536     |
| basis weight          | lbs                | 19.0   | 20.0   | 22.0   | 24.0   | 27.0   | 30.0  | 34.0  | 40.0  | 25"x38"/500 |
| thickness – 10 layers | µm                 | 33.0   | 35.0   | 39.0   | 42.0   | 47.0   | 53.0  | 59.0  | 71.0  | ISO 534     |
| bulk                  | cm <sup>3</sup> /g | 1.18   | 1.18   | 1.18   | 1.18   | 1.18   | 1.18  | 1.18  | 1.18  |             |
| PPI                   |                    | 1540.0 | 1440.0 | 1300.0 | 1200.0 | 1080.0 | 960.0 | 860.0 | 720.0 |             |
| brightness (D65)      | %                  | 83.0   | 83.0   | 83.0   | 83.0   | 85.0   | 85.0  | 85.0  | 85.0  | ISO 2470    |
| opacity               | %                  | 79.0   | 80.0   | 81.0   | 82.0   | 84.0   | 86.0  | 88.0  | 91.0  | ISO 2471    |

Testing conditions: 50% r.h., 23°C

### Reels

Width 250-3000 mm  
DIA 1000-1350 mm

### Sheets

317 mm x 430 mm LG  
1250 mm x 1480 mm LG

### Offset Printing

Web and sheet-fed  
Coldset, heatset, UV-Offset

### High Speed Inkjet

Canon Colorstream/Jetstream  
(pigmented ink)/Prostream  
Domino K630i  
HP PageWide T-series/Advantage 2200  
Ricoh V20100/VC20100/VC40000/  
VC60000/VC70000/VC80000  
Screen Truepress Jet520 NX/S/EX/ZZ/HD/HD+  
Xerox Trivor HD/HF

### Certificates

Quality ISO 9001  
Environment ISO 14001  
Food safety ISO 22000  
Energy ISO 50001  
Health & Safety ISO 45001  
Chain of custody FSC™ (FSC-C023027)  
Chain of custody PEFC (PEFC/02-31-107)