



# thinstar plus

thinstar plus is a wood-free coated thinprint paper with a silky finish. thinstar plus offers exceptional whiteness and gloss. Its smooth and sophisticated surface provides ideal print gloss and image quality. Superior optical properties guarantee a high-quality look to your printed products. With its excellent formation and equal sides, thinstar plus is the first choice for catalogues, direct mailings, religious literature, schoolbooks, multicolored leaflets and many more. thinstar plus is suitable for both black & white and 4-color offset printing.

## applications

- catalogues
- direct mail
- religious literature dictionaries



- schoolbooks
- pharma and cosmetic leaflets

## specifications

| parameter             | unit               |        |        |        |        |        |       | standard    |
|-----------------------|--------------------|--------|--------|--------|--------|--------|-------|-------------|
| basis weight          | g/m <sup>2</sup>   | 36.0   | 39.0   | 45.0   | 50.0   | 55.0   | 60.0  | ISO 536     |
| basis weight          | lbs                | 24.0   | 26.5   | 30.0   | 34.0   | 37.0   | 40.0  | 25"x38"/500 |
| thickness – 10 layers | µm                 | 34.0   | 37.0   | 41.0   | 46.0   | 51.0   | 55.0  | ISO 534     |
| bulk                  | cm <sup>3</sup> /g | 0.95   | 0.95   | 0.92   | 0.92   | 0.92   | 0.92  |             |
| PPI                   |                    | 1495.0 | 1375.0 | 1240.0 | 1100.0 | 1000.0 | 920.0 |             |
| brightness (D65)      | %                  | 95.0   | 98.0   | 98.0   | 98.0   | 98.0   | 98.0  | ISO 2470-2  |
| CIE whiteness         | %                  | 120.0  | 125.0  | 125.0  | 125.0  | 125.0  | 125.0 | ISO 11475   |
| opacity               | %                  | 84.0   | 85.0   | 86.0   | 87.0   | 89.0   | 90.0  | ISO 2471    |
| Gloss (I.V.)          | %                  | 18.0   | 18.0   | 18.0   | 18.0   | 18.0   | 18.0  | ISO 8254-1  |

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 Prostream  
HP PageWide T-series/Advantage 2200  
Ricoh VC60000/VC70000/VC80000  
Screen Truepress Jet520 HD/HD+  
Xerox Trivor 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)