

# Technical Fact Sheet



## Yupo Ultra

Resistant to water, tearing and staining, Yupo Ultra synthetic paper is durable, silky smooth and 100% recyclable. With brilliant colour reproduction, high opacity and sharp print definition, it's also suitable for indoor and outdoor applications.



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## Features

- 100% recyclable
- Durable synthetic
- Exceptional printability and colour reproduction
- Yupo has improved ink drying times, similar to that of a coated natural paper
- Ideal for both indoor and outdoor applications
- Maximum durability - Water, UV, Chemical and Oil resistant

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- Suitable for offset, UV screen, flexography, gravure and letterpress processes

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## Spicers Key Icons

[Download Spicer's icons](#)

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## Application Text

- Brochures
- Maps
- Outdoor Use
- Tags
- Tear Resistant
- Waterproof

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## Printing Tips

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- Use synthetic paper ink, which dry by oxidation and include less than 8wt% of mineral oil.
  - Set spray powder volume at the same level as when printing on coated paper.
  - Control the amount of dampening water to be less than when printing coated paper.
  - Scratch/Scuff resistance — depending on the level of scuff/scratch resistance required:
    - a. Use strong anti-scratch ink or add binding varnish to ink (approximately 5wt%)
    - b. Use over varnish (aqueous coating/UV Varnish/OP varnish)
  - When being used for outdoor applications or where weather resistance is required, please use weather resistant Magenta and Yellow ink.
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## Printing Inks:

Synthetic paper inks with less than 8wt% of mineral oil are recommended.

Accepts any type of varnish: UV, water acrylic varnish and oil-based offset

Yupo® Recommended Inks:

Ink Manufacturer Ink Brand

T&KToka Best SP

Inctec Ink NS PF

Dainichiseika Colour and Chemicals Lithorex SP

DIC Pop-K, Pop-VIP

Tokyo Printing Ink New Cervo Synthetic Paper

Toyo Ink TSP-400

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## Important Note

All statements, technical information and recommendation are based on tests we believe to be reliable, but the accuracy or completeness thereof is not guaranteed, and the following is made in lieu of all warranties of merchantability and fitness for the purpose: Sellers and manufacturer's only obligation shall be to replace such quantity of the product proved to be defective. Before using, user shall determine the suitability of the product for its intended use, and user assumes all risk and liability whatsoever in connection therewith.

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## Print Process

- Flexo
- Offset
- Gravure
- Letterpress
- TIR
- Screen

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## Size Availability

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Colour	GSM
White	85, 100, 158, 200

## Technical Data

Nominal Weight	g/m2	85	100	158	200
Thickness	Um	110	130	200	250
Whiteness	%	98	98	98	98
Opacity	%	96	97	99	99
Tensile strength MD	kN/m	6	7	9	12
Tensile strength CD	kN/m	11	17	26	33