

Product: Digi Tuff Synthetic Specialty Metalik Copper

Category: Small Format Digital - Synthetic

Country of Origin: United Kingdom

Website: sales@kernowcoatings.com

Technical specifications:

KernowPrint Metalik COPPER

- Luxury product packaging
- Greetings cards
- Wine and champagne boxes
- Corporate folders
- Brochure covers
- DVD packaging
- Gift boxes

Compatibility Guidance:

Suitable for dry toner (Laser / LED) print processes, colour short-volume, mid-volume & production machines.

On such machines the user must establish for themselves the optimum settings and paper path, being aware of the thickness and weight of the material.

Recommended Conditions:

Printroom	10°C - 30°C	40% - 55% RH
Usage	-40°C - 120°C	10% - 100% RH
Storage	10°C - 20°C	20% - 55% RH

Thickness (345µ/13.6mil) Total Weight (330gsm)

Digital Compatibility

- Colour Laser Printers & Copiers
- Dry toner

Applications Include

- Price labels
- Direct mail applications
- Warning stickers
- POS applications
- Marketing signage

Printing Guidelines

To ensure the best possible results, we recommend the following guidelines.

- Always fan the ream before use.

Note: *There may be some Blocking which is normal, you will have to fan to remove*

- Use the bypass trays to allow straight path through printer
- Use the top trays for output
- Set the grammage to 300 -350gsm range
- Where available, with Xerox devices use Bias transfer test to optimize print quality
- With other devices use adjusted transfer settings to optimize print quality
- If duplexing the media, ensure the Metallic surface is the first side through the IOT. Note this may not be the first side of your artwork, please check. Generally recommend manual duplexing
- * *This product is not suitable for Xerox iGen or any other oil based fusing devices (DC7000.8000 series), HP indigo and Aqueous inkjet.*
- We recommend customer trialing a sample pack in first instance.

Artwork guidelines

- Busy images are best
- Allow the metallic effect to work for you! Some time to print 'negative' images gives the best results

Conversion Recommendations

- When guillotine cutting, we suggest the use of stainless steel blades with Tungsten Carbide tips.
- Recommended blade angles of 25°-22°-19°.
- Recommend the use of cotton gloves to prevent handling marks and abrasions.
- Apply cutting board to top & bottom of sheet stack. We recommend 500gsm cutting board.
- Cut Board side up (metallised side down). This prevents guillotine clamps from damaging the metallised surface.
- Limit sheet stack to 250 sheets.
- Closely monitor blade cleanliness during the cutting process. Adhesive residue can be cleaned with Acetone.
- Recommended blade change between 2300 and 3000 cuts per blade.
- Recommended environment. 10°C to 22°C. 20% RH to 50% RH
- Ensure all unused product is returned to its original packaging. All cut sheets should be re-packaged to protect from moisture and contaminants.