

laser printing guidelines

General

Paper designed for laser printing & copier applications has been made to a lower moisture content than traditional litho grades. **It is therefore vital that the paper is suitably wrapped and protected from atmospheric conditions at all times** to prevent the effects of moisture and temperature on the paper such as curl, wavy or tight edges.

Where different processes are involved, the paper should be covered at each stage to protect against moisture being absorbed or given out.

Take care not to store the paper in extreme conditions of heat or cold.

Generally, paper between 80 and 160 g/m² is recommended but check with the equipment manufacturer's specification.

Offset Litho pre-print

Use laser-compatible inks (ie. resistant to high temperatures and pressure exerted by fuser rollers.) Avoid metallic or fluorescent inks as these can build up on the rollers.

Keep dampening solution to a minimum or use alcohol to reduce take-up of moisture.

The use of anti set-off spray powder, thermography or foil blocking is generally not suited to the heat experienced in the laser fuser section.

Cut A4 long grain to minimise any tendency to curl.

Toner will not adhere very well to solid printed areas so print digital image directly onto paper.

Re-wrap material immediately after printing in moisture proof packing to ensure paper remains suitable for laser applications.

Laser Printing/Copying

The paper should be allowed to condition in its wrappers in the printing environment for at least a day. Unwrap just before use.

Advisable to fan pre-printed sheets.

Tullis Russell brands suitable for laser printing are; Mellotex, Advocate and Rothmill.