



Paper Requirements for the Epson TM88 Thermal Printer

Thermal Paper is manufactured by coating papers with a special mix of colorless dye, co-reactants and binders. When paper feeds through a printer, heat from the thermal print head causes dyes and co-reactants to activate and form an image. No ribbons or toners are involved – just a heated print head and the paper.

Use of the proper thermal paper is critical to the successful operation of the thermal printer. Paper must meet the following requirements. The Landmark Image is an authorized distributor of thermal paper for the EPSON TM88 thermal printer and guarantees it's paper meets or exceeds the manufacturer's requirements.

Shelf Life: Storage of Thermal Paper in a dark place at a relative humidity between 45 percent and 65 percent and a temperature below 77 degrees Fahrenheit will assure satisfactory performance for at least three years from the date of manufacture.

Fade Resistance: Thermal Paper uses dye and co reactant technology to form an image. The combination is slightly sensitive to ultraviolet (UV) light and may exhibit some image decline with extended exposure to office light or shorter exposure to intense UV light. The stability of the image will depend upon the degree to which the image was originally developed, the intensity of the UV light and the character of UV (percent of UV range in a light source). Background discoloration may also occur with prolonged exposure to UV light. Paper supplied by Landmark is GUARANTEED to remain legible at least 7 years from the time the image is printed assuming the documents are properly stored with compatible materials under normal filing conditions.

Paper Suppliers: While blank thermal paper may seem readily available at most office supply and discount wholesale stores the paper they carry does not usually conform to the requirements necessary for successful operation of the thermal printer. In fact in some cases, inferior paper has been known to cause jams in the printer and even "gum" up the printer. In this instance the Thermal Printhead may have to be replaced and will not be covered by the manufacturer's warranty. A new thermal printhead costs around \$250.

Contact Ray Goodson for additional information by [email](#) or call 1-800-735-8560