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CANADATICKET

Ticket, Tag & Label Print Solutions

Thermal Ticket Information/Considerations...

Top Coat Info: Tickets must be manufactured from top-coated thermal paper to minimize the abrasiveness of the paper. Non top-coated papers are typically abrasive and leave debris on the print head. The debris may cause the ticket to stick to the print head, particularly in humid conditions. Poorly top-coated materials react similarly to non top-coated materials.

General Abrasion Info: While good top-coating greatly reduces the inherent abrasiveness of the paper, we have found occasional deficiencies in the top-coating of even the best thermal papers. Fortunately, we have determined that covering the ticket with thermal ink provides good abrasion protection when the top-coating is insufficient. Therefore, we strongly recommend that the **entire** surface of the ticket be covered with quality thermal inks to protect the print head from the effects of defective top-coatings. The best way to accomplish this is to cover the ticket with transparent white ink.

Inks and Operating Conditions: The maximum operating conditions (temperature and humidity) are limited by the characteristics of the ticket material. All quality thermal inks will operate properly in an office environment. However, the use of inks on the thermal side of the ticket may drop the maximum allowed relative humidity to as low as 70%.

White Inks: Opaque white inks should never be used on the thermal side of the ticket. These inks are highly abrasive to the print head.

Black Inks: Black inks should never be used on the thermal side of the ticket. These inks are highly abrasive to the print head. If black ink is required, such as in the case of process printing, please contact your sales rep for assistance.

Plastic/Synthetic Tickets: Plastics are naturally slippery. Carefully evaluate all plastic materials to avoid registration problems caused by poor traction.

Back-coated Tickets: Back-coatings are naturally slippery and should be avoided. They are frequently used to improve rear printability. Carefully evaluate all back-coated materials to avoid registration problems caused by poor traction.

Embossing: Thermal tickets should never be embossed. Embossing destroys the smooth surface essential to reliably transfer heat from the thermal head to the ticket.

UV Ink Warning: UV inks are being used with increased frequency due to their inherently bolder colors and glossiness. The glossy nature of UV ink frequently leads to paper feed problems. Great care must be taken to avoid UV formulations that stick to the print head. On plastic surfaces, the use of UV ink on the rear can lead to slippage.

Foils and Holograms: We have noticed the increased usage of foils and holograms. Please note that foils and holograms must be carefully evaluated for compatibility with your direct thermal ticket printer(s). Special consideration should be given in the areas of abrasiveness (thermal side), stickiness (thermal side) and traction (non-thermal side).

Shiny Ink/Paper Warning: We have noticed the increased usage of shiny inks and paper. Please note that the black mark must be printed with a dull ink to guarantee a non-glossy appearance. The use of a glossy black mark can prevent the proper operation of the optical sensors.

Thick Ticket Materials: Most direct thermal printers are normally configured to print properly on approximately .007" ticket stock. This allows the printers to operate properly on ticket stock thicknesses between .004" and .009" thick. Printing on thicker ticket materials may sometimes result in poor quality printing. A ticket printed on a printer set for thinner stock will image inconsistently, as if insufficient pressure were placed on the ticket. Please notify your hardware manufacturer prior to purchasing your printer if you intend to print on thick tickets.

General Ticket Handling: The face of thermal ticket stock sometimes has a tendency to adhere to itself. As a precautionary measure, we recommend gently hitting the individual ticket packs on their sides prior to inserting the tickets into the printer and/or fanning the ticket packs.

General Ticket Information: Canada Ticket manufactures a full line of ticket products. All Canada Ticket tickets are produced using the best materials (papers, inks, etc), equipment and manufacturing practices.

