

Printer: Thermal Paper Testing & Recommended Suppliers

In conjunction with the routine preventative maintenance on the thermal print head, using paper from this list that has been tested by Toshiba GCS will help to prevent premature wear of 6145 2TC/2TN and 6145 1TN thermal print head and cutter blade.

OEM Thermal Paper Testing

The following OEM thermal papers have been tested by TGCS for use with TGCS 6145 2TC/2TN and 6145 1TN printers. This testing program only applies to the specific paper products listed below. TGCS testing only confirms the following:

1. Use of these papers will not negatively affect the operating life of the various 6145 2TC/2TN and 6145 1TN printer mechanisms, specifically only the thermal print head and thermal paper cutter blades in a controlled environment.
2. Use of these papers will not negatively affect the paper feeding performance of the printer in various temperature and humidity operating environments.

TGCS's thermal paper testing does not warrant any other claims made by the paper manufacturer, including archive life and sensitivity, some of which are provided by the paper manufacturers and included for convenience in the "descriptions" column of the chart below. For specific paper information, please contact the manufacturer directly.


Because of vast differences in customer environments, for optimal performance, TGCS recommends that each user carry out field tests of a given printer and paper combination for your specific environment.

Printer reliability and performance are directly related to the quality of the supplies used by the customer. Using only papers that are on the following tested papers list will help to ensure that your printers will perform well over an extended period of time. Use of papers not included on the tested papers list may result in a billable service call if printer failures are determined by TGCS to be the result of using these papers. Thermal paper with post-processing, such as (but not limited to) preprinted watermarks, coupons, or advertisements printed on the front or back of the paper, is not tested by TGCS. Some inks and printing processes will work acceptably, while others will not. Printer problems that are caused by supplies that include preprinting may result in a billable service call, regardless of the existence of a service contract.

Please note that not all papers are supported on the 6145 2TC/2TN and 6145 1TN printers.

Paper companies and TGCS customers who wish to nominate a particular paper grade for testing should contact their TGCS Representative.

List of Paper Qualified for The Toshiba POS Printers in Alphabetical order

Company	Product	Printer	Descriptions
Kanzaki	P-35524	2TC/2TN/1TN	High sensitivity BPA-free direct thermal grade for point-of-sale receipt typical POS application. Provides best degree of image logos and graphics density for printing while maintaining sharp barcode definition.
Kanzaki	P-35532	2TC/2TN/1TN	Heavy weight, high sensitivity BPA-free direct thermal grade for point-of-sale receipt typical POS application. Provides best degree of image logos and graphics density for printing while maintaining sharp barcode definition.
Koehler	KT44F20 KT48F20 KT55F20	2TC/2TN/1TN 2TC/2TN/1TN 2TC/2TN/1TN	Designed for typical POS applications with excellent imaging characteristics
Koehler	KT44FA KT48FA KT55FA	2TC/2TN/1TN 2TC/2TN/1TN 2TC/2TN/1TN	Designed for typical POS applications with excellent image characteristics, image readability minimum 10 years if stored appropriately paper is made without the use of bisphenol A (BPA).
Koehler	KT48PF KT55PF	2TC/2TN/1TN 2TC/2TN/1TN	Designed for typical POS applications with excellent image characteristics, image readability minimum 10 years if stored appropriately manufactured entirely without the use of phenols. The KT PF grade doesn't contain Phenols (phenol-free).
Koehler	Blue4est® (52 gsm) 	2TC/2TN	Unique, patented and award winning thermal paper technology. Resistant: non-fading image Sustainable: without chemical developers Food safe: approved for direct food contact