



Metalcraft's Thermalmark Polyester Labels offer the durability of a pre-printed label with the flexibility to custom print information on-site as needed. The thermal transfer receptive topcoat of the Thermalmark allows labels to be easily customized with different text, barcodes, or serial numbers printed through a thermal transfer printer.

## Features

Thin, durable construction materials make it easy to use in most desktop thermal transfer printers.

Thermal transfer receptive topcoat allows for easy on-site label customization and printing.

Durable .002" polyester material easily conforms to uneven or radius surfaces .001" thick adhesive provides excellent adhesion to low and high surface energy materials.

## Product Print Options

Barcode . Data Matrix . QR Code . Serial Number . Text

## Product Functionality

Abrasion Resistance . Chemical Resistance . Heat Resistance

## Popular Applications

Audio / Visual . Government . Churches . Hospitals . IT Assets . Schools

## Category

Manufacturing . Asset Tracking . Work-in-Process . Onsite Printable Labels



Destructive Testing

Results below show before and after abrasion on the thermal transferred printed image using full resin ribbons. Samples with TT printed black bars subject to 20 revolutions with CS-10 wheels 500g per wheel on Taber 5130. Destructive Test Data

K Density before	KDensity before	% change
1.79	1.54	13.97

Temperature Testing

Labels were applied to .020” aluminum panels and heated to the temperatures listed below for 15 minutes. Temperature Test Data

Printer	200°F	300°F	400°f	500°F
ThermalMark - 170Xilll+	no effect	no effect	no effect	label cracked/blistered, label face discolored
ThermalMark - Gx430t	no effect	no effect	no effect	label cracked/blistered

Read Range Testing

Read Range Test Data


Barcode Readability Testing

Barcode Readability Test Data


Abrasion Testing

Abrasion Test Data


Label Adhesion Testing

Label Adhesion Test Data


Pull Testing

Pull Test Data
