

**Clean Start**<sup>®</sup>  
PRINTHEAD CLEANER

**THE BUILT-IN  
SOLUTION**

## ● Hassle Free Printhead Maintenance and Unbeatable Print Quality

Printer OEMs promote regular preventative maintenance as the best way to ensure consistent print quality. **Yet, few people bother with cleaning the printhead – their most expensive consumable!**

Now, there's Clean**Start**<sup>®</sup> Printhead Cleaner, an exclusive feature built right into our thermal transfer ribbons that makes it easier than ever to maintain printheads and print quality with no additional supplies.

## ● All it takes is 6 seconds

The patent pending Clean**Start**<sup>®</sup> removes debris before it builds up on the printhead so that images are always clear, consistent and highly readable.

Simply pull Clean**Start**<sup>®</sup> through the locked printhead at the start of each ribbon maintaining sharp, black bar codes and text for your entire print run.

It's that simple!

## ● Clean**Start**<sup>®</sup> makes cleaning effortless!

- Built right into your thermal transfer ribbons
- Mild cleanser - safe to use with every ribbon you load
- Fast and easy to use
- Maintains excellent print quality
- Prolongs printhead life
- Minimizes costly downtime



**NEW!**  
NOW BUILT  
INTO OUR FULL LINE OF  
THERMAL TRANSFER RIBBONS

KURZ    
**Clean Start**<sup>®</sup>  
PRINTHEAD CLEANER

Ph: 1 800 036457

CleanStart®  
really works!

## See the difference after only 1 million inches

What would happen if you never cleaned your printhead? We designed an extreme test to find out. We started printing with a new printhead and a heavy-duty format. We cleaned HALF of the printhead with CleanStart® every time a new ribbon was loaded and left the other HALF uncleaned. The results after 1 million linear inches were dramatic.

### TEST PLAN

**Label Format:**  
heavy duty cycle

**Ribbons:**  
Both IIMAK and competitive ribbons

**Stock:**  
Fasson TT1C

**Printer:**  
Zebra 140xiii

**Printhead:**  
New, cleaned half with CleanStart™, no cleaning on the other half

**Print Speed:**  
10 ips

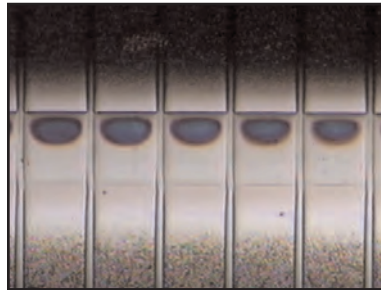
**Length of printing:**  
1,000,000 linear inches

Full Performance Test Report is available online at [www.ThermalTransferRibbons.com](http://www.ThermalTransferRibbons.com) which includes comparisons to traditional cleaning methods and shows CleanStart® is safe to use regularly

### Take a look at these magnified printhead images:

#### DIRTY PRINTHEAD

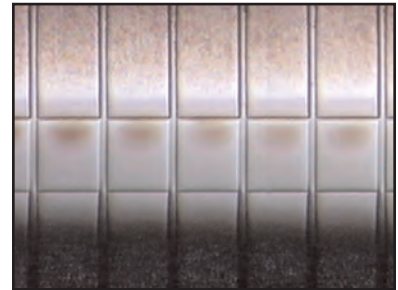
Buildup = poor print quality



*Over time, debris hardens and bakes on the printhead elements, blocking heat, compromising print quality and reducing head life.*

#### CleanStart® PRINTHEAD

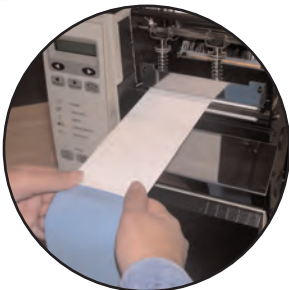
No residue = sharp, black images



*Clean printhead elements require less heat to transfer images, and deliver consistent print quality.*



## Maintain Print Quality 3X Longer with CleanStart®



Head to head testing confirms you maintain acceptable print quality 3 times longer when you clean your printhead with CleanStart® each time a new ribbon is loaded compared to not cleaning at all.

When you use CleanStart®, you'll avoid excessive downtime and disruption that result from premature printhead failures. And, you'll reduce your annual cost for printhead replacements.

**Save your printhead and print quality.  
Use the built-in CleanStart® every time  
you load a new ribbon.**

For the complete CleanStart®  
Performance Test Report and demo, visit  
[ThermalTransferRibbons.com](http://ThermalTransferRibbons.com)