



Trident 384Jet NP Printhead  
and AllWrite A5000 Ink

## Features:

*Cost-Effective*

*Durable Print*

*Fast Drying*

*Alcohol-Based / Non-Toxic*

*Durable & Repairable Design*

*Non-Clog Subpulsing*

For more information on Trident printheads,  
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## 384Jet NP™ Printhead

### **New Alternative For Non-Porous Package Printing**

With the ability to print quality graphics, scannable barcodes and crisp alphanumeric directly onto non-porous substrates such as shrink wrap and coated corrugated, Trident's 384Jet NP™ (non-porous) printhead and AllWrite A5000™ ink represent a new, cost-efficient alternative to labels and wax-based inkjet.

### **Cost-Effective**

Non-porous inkjet printing costs as much as five times less than labels. The ability to print on non-porous shrink wrap also generates cost savings for companies looking to reduce packaging costs by switching from corrugated boxes to shrunk wrapped tray packs.

### **Brand Enhancing**

As brands look to enhance the visual appeal of their secondary packaging for both transit and display purposes, the 384Jet NP printhead offers a cost-effective solution for printing on attractive, non-porous coated-corrugated materials.

### **Durable Print**

Unlike wax-based print which can smear during production or when overheated during shipping or storage, the 384Jet NP printhead provides durable, quality print, further enhancing brand image and barcode readability.

### **Fast Performance**

The alcohol-based, non toxic AllWrite A5000 ink dries in less than 10 seconds unassisted and in less than five seconds with air

assist. The 384Jet NP printhead features a print height of two inches (50mm) and printing speeds of 200ft/minute — (1 meter/second)

### **Durable Repairable Design**

With features like a stainless steel orifice plate and patented shock-resistance, the 384Jet NP printhead is designed to deliver premium performance in even the harshest of environments.

The 384Jet NP printhead also features a repairable design which can lead to long-term printhead replacement savings when compared to disposable printheads.

### **Non-Clog Subpulsing**

Trident's patented sub-pulsing technology keeps the ink constantly agitated and moving, ensuring that clogging won't occur and high-quality, fast-drying print can be delivered from the very first print even if the line has been left unattended for a period of time.



# TRIDENT 384Jet NP™

## 384Jet NP with AllWrite A5000 Ink Specification

<b>Image Height</b>	2.0" (51mm)
<b>Addressable Channels</b>	128
<b>Number of Orifices</b>	352
<b>Nozzle Pattern</b>	Dual row of 64 channels
<b>Native Resolution</b>	64 pixels / inch (25 pixels / cm)
<b>Print Orientation</b>	Sideways
<b>Recommended Print Gap</b>	up to 0.25" (6 mm)
<b>Maximum Frequency per Orifice</b>	Up to 8,000 droplets per second
<b>Operating Temperature</b>	40 °C
<b>Life expectancy</b>	Over 90 Billion Jetting Cycles
<b>Physical Dimensions (W x L x D)</b>	1.41 x 5.75 x 3.54 inches

