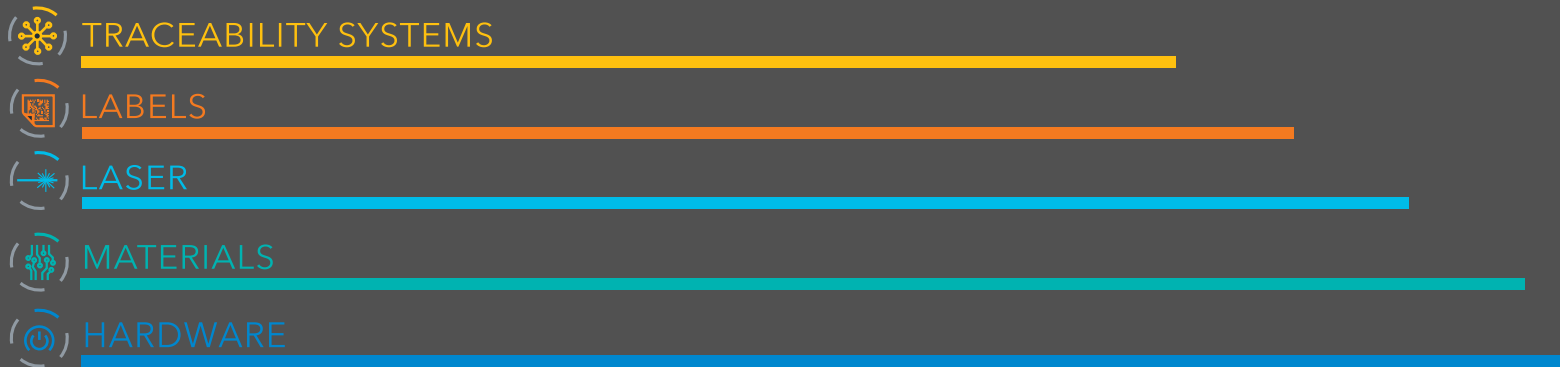


# *Nortec*

MARKING YOUR SUCCESS



| OCTOBER 2015

# Nortec

MARKING YOUR SUCCESS

---

## ABOUT NORTEC



### ACTIVITIES.

A leading worldwide manufacturer of comprehensive custom-made solutions for IDentification and traceability in harsh environments.



### INDUSTRIES.

Focuses on the electronics, medical, aviation, energy, military, aerospace, automotive and security industries.



### GLOBAL PRESENCE.

Global sales and technical support for +3,700 customers in 5 continents with 34 distributors and direct sales channels.



### OWNERSHIP.

Privately owned Israeli company, founded in 1988 by Mr. Doron Lavi.



### FACILITIES.

Headquarters, R&D and operations in Israel; subsidiary in Rochester, New York.

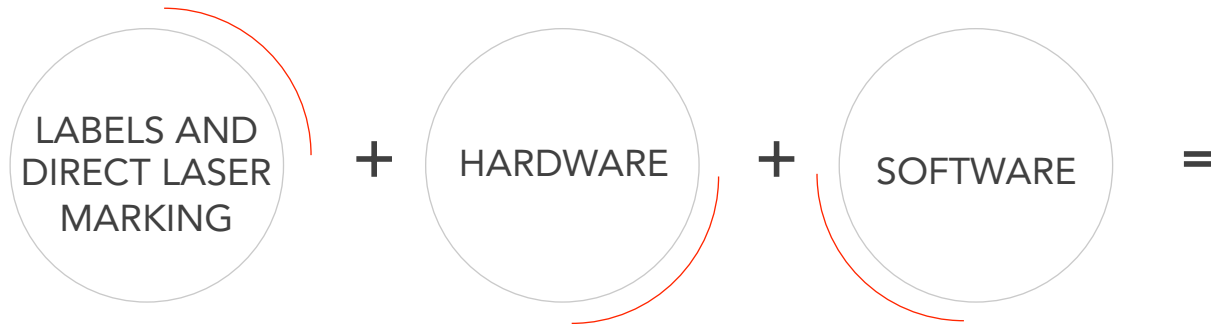


# *Nortec*

MARKING YOUR SUCCESS

---

## TOTAL ID SOLUTION



T O T A L I D S O L U T I O N

27 YEARS OF GLOBAL EXPERIENCE  
IN LEADING THE IDENTIFICATION WORLD



# Nortec

MARKING YOUR SUCCESS



# Nortec

MARKING YOUR SUCCESS

## LABELS

1

### EXPERIENCE.

Unique experience and knowledge in characterizing, designing and manufacturing custom made labels made of diverse materials, adhesives, shapes and sizes which are suited perfectly for the customers' needs.

2

### EQUIPMENT.

Over 120 standard materials, with more than 4,000 tools for converting raw materials or converting raw materials for both manual and auto-apply.

3

### VOLUME.

~1,000,000 high quality custom made printed labels\day.

4

### SERVICES.

Cutting-edge thermal transfer knowhow of consumables, hardware, software and technical assistance.



# Nortec

MARKING YOUR SUCCESS



1

## SERVICES.

~30,000 laser marking\day on metals, plastics and other materials with high contrast and without adding any undesirable substances.

2

## INDUSTRIES.

Highly experienced team, with vast comprehension of medical, defense and automotive requirements for 100% marking validation & verification.

3

## INTEGRATION.

Integration of advanced laser systems for on-the-fly markings in production lines, combined with advanced ID and Vision cameras.



# Nortec

MARKING YOUR SUCCESS

## HARDWARE

1

### PRINTERS.

Full range of thermal transfer printers.

Master distributor of Zebra, SATO and Citizen.

2

### SMART ID.

Highly advanced barcode readers available for 1D and 2D Data Matrix and vision reading.

Partner of Motorola-Symbol, Honeywell, MicroScan, DataLogic & more.

3

### MOBILE COMPUTE.

Mobile computers enable easy capture of real-time data and deliver on the go productivity.

4

### FEEDERS.

Labels presenters automatically place labels with existing pick and place equipment.

Hover-Davis feeder available.



## TRACEABILITY SYSTEMS

1

### TRACEABILITY.

Integration of ID solutions with ERP/CRM systems.

2

### VERIFICATION.

Barcode verification applications.

3

### VALIDATION.

Pre\post print data validation.

4

### DATA MANAGEMENT.

Data management solutions.

5

### INTEGRATION.

Integration with TT printers, barcode readers and smart cameras.

6

### QA.

QA solutions.

7

### SOFTWARE.

Label & barcode printing software (BarTender experts).

IN-HOUSE SOFTWARE DEPARTMENT PROVIDING SOPHISTICATED & COST-EFFECTIVE SOLUTIONS





# Nortec

MARKING YOUR SUCCESS

## QUALITY ASSURANCE



ISO 9001 approved company since 1996, with high standards of Q.A.



Chosen by many customers as a preferred product supplier.



The only UL approved printing bureau in Israel.



Also approved by CE, FCC, BELLCORE and TELECORDIA.





MARKING YOUR SUCCESS



TRACEABILITY SYSTEMS



LABELS



LASER



MATERIALS



HARDWARE

INTRODUCING NORTEC STANDARD MATERIALS  
OCTOBER 2015



MARKING YOUR SUCCESS



## INTRODUCING NORTEC'S STANDARD MATERIALS

1

CABLE LABELS

2

AUTO APPLY LABELS

3

GRAPHIC LABELS

4

GREEN LABELS



# Nortec

MARKING YOUR SUCCESS



## C A B L E L A B E L S

Cable labels are self laminating labels used to mark cables.

### NORTEC'S STANDARD SIZES CABLE LABELS ON THE 4 STANDARD MATERIALS:

1

**736** - Self Laminating  
Clear Vinyl -3.5-mil

3

**VR** – UL compliant  
Self Laminating  
Clear Vinyl -3.5-mil

2

**839** - Self Laminating  
Clear Vinyl -2-mil

5

**669** – 2 mil Compliant  
to MIL –DTL-43719D

These materials are available in a variety of colors!

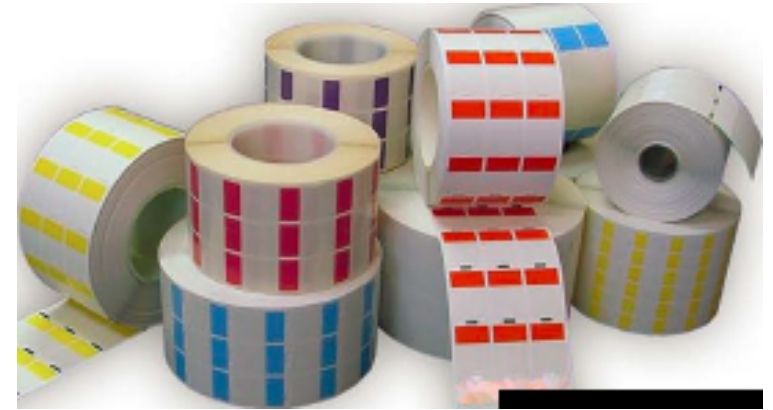


# *Nortec*

## *Colored Cable Labels*

Nortec specializes in developing and matching identification solutions for different applications. Among its products you can find wrap-around labels for marking different types of cables, which are available in various colors and sizes. These labels are made of a unique material that allows them flexibility as well as durability.

- Printable with Thermal Transferprinters.
- Self laminated for perfect cover and protection of the captions.
- Available in various colors and sizes.
- UL and BgW-FDA approved.
- Durable at temperatures of  $(-40^{\circ}\text{C})$  to  $(-82^{\circ}\text{C})$ .
- Can be applied to finished product.



## ***Labels for Auto-Apply!***

Nortec manufactures a wide variety of labels especially designed to fit with applicators, burning robots for components and feeders for pick & place machines, such as Hover Davis and others.

Applying Nortec's labels automatically is specifically designed to eliminate the frustrations encountered during normal production. Nortec also offers compatible ribbons for these labels. Using labels with auto applicators allows to reduce material loss, and will enhance any line - affordably.

- Automatically place labels using existing placement equipment
- Faster and more accurate than hand placement
- Save time and money

Please contact us so we can match labels and ribbons for your feeders, robots and auto-apply machines.



# Graphic and Printing Department

# Nortec



Nortec operates a Graphic and Printing Department that produces pre-printed labels using Thermal Transfer technology.

We specialize in printing custom requests based on specific customer's requirements (material, size, logo, serial barcode, text and pictures), in addition to our large selection of standard printed labels.

Similar to any other Nortec activity, our Graphic and Printing Department maintains high quality with delicate and precise work, high durability using a variety of colors and lamination possibilities, based on UL standards.

All this in addition to Nortec's well known courteous, professional and quick service.

Same of variety of symbols and signs you may choose from to use in your own design label



## Static-Awareness Labels



Labels designed for marking packages and equipment for static awareness. Available in reusable paper, tamper evident paper and other materials, colors, shapes and sizes. If you need other products or more information please contact Nortec.

Part No.	Description	Color
ESD4126i745aYL	ATTENTION Observe precautions for Handling Electrostatic Sensitive Devices/ 4"x4" Reusable	Black on yellow
ESD4128i75 1a.5Z	ATTENTION Observe precautions for Handling Electrostatic Sensitive Devices/ 4"x4" Destructible	Black on yellow
ESD4129i745a0R	ATTENTION Static-Sensitive Devices 1.75" x 1.5"	Black on orange
ESD4131i745aYL	CAUTION Sensitive Electronic Devices Do Not Ship or Store Near Strong Electrostatic, Electromagnetic, Magnetic or Radioactive Fields. 2" x 2"	Black on yellow
ESD4133i745aYL	ATTENTION Static Sensitive Devices Handle only at Static Safe Work Stations/ 5/8"x2"	Black on yellow

## Tamper Seals



Nortec offers Self-destructible warranty tamper-proof, void and other state of the art ID solutions. Here we offer red on white labels printed on tamper-proof vinyl. If you would like additional solutions including shapes, sizes, materials, colors and graphics please contact Nortec.

Part No.	Description	Color
V4851i741a1OP	Warranty Void if Seal is Broken / Circular 0.8" DIA	Red on white
V4289i741a1OP1	Calibration Void if Seal is Broken / Circular 0.8" DIA	Red on white
V4851i741a1OP2	Void if Seal is Broken / Circular 0.8" DIA	Red on white
V4851i741a1OP3	Warranty Void if Seal is Broken / rectangular 0.75"x0.375"	Red on white
V4851i741a1OP4	Calibration Void if Seal is Broken / rectangular 0.75"x0.375"	Red on white
V4851i741a1OP5	Void if Seal is Broken / rectangular 0.75"x0.375"	Red on white

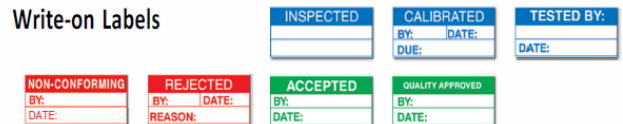
## Pb Free and WEEE Identification Labels



Pb Free and WEEE/ RoHS compliant labels. These labels printed on white polyester with either green or black text/graphic on white to be used on products and packing for production suitable for industry standards and for temperatures between -40° F to 302° F. If you would like other shapes or sizes please contact us.

Part No.	Description	Color
PR711WEEE1	WEEE / 0.9" x 1.0"	Black on white
PR711WEEE2	WEEE / 0.5" x 0.4"	Black on white
PR711WEEE3	WHT Polyester PR WEEE / 0.8" x 0.6"	Black on white
V4293i711a0.5P	Pb Free / 1.0"x0.9"	Black on white
V4293i71 1a0.5P1	Pb Free / 1.0"x0.9"	Black on white

## Write-on Labels



Quality Control Write-on Labels, already printed on with the necessary information all you do is fill in the blanks on our easy to write or stamp on Nylon Cloth.

Part No.	Description	Color
V7094i722a2P1	Calibrated Label/ 1.50" x 0.625"	Black on white
V7094i722a2P2	Rejected Label/ 1.50" x 0.625"	Red on white
V7094i722a2P3	Certification Label/ 1.50" x 0.625"	Black on white
V7094i722a2P4	Inspected By / 1.50" x 0.625"	Black on white
V7094i722a2P5	Repaired by Label/ 1.50" x 0.625"	Red on white

## **New *Green Polyimide***

***Identify your lead free PCB's with our latest solution  
for the lead free environment***

**New at Nortec - Green Polyimide for marking and visually differentiating  
Lead Free circuits.**

**Following the transfer to a lead free manufacturing environment, while still  
working in a tin-lead environment, it has become vital to differentiate between the  
tin-lead and the lead free circuits.**

**Nortec already offers regular Pb/Free labels for the lead free environment for the  
post-process stages of manufacturing. We also offer a broad range of polyimide  
labels used for the high temperatures of the re-flow stages of the process.**

**Now you can enjoy both!**

- RoHS and WEEE compliant
- Durable to lead free soldering temperature
- Durable to cleaning materials
- Immediate visual identification of lead free circuits
- Minimizing human errors
- Optional custom made changing data
- Professional assistance during transit period
- Available on rolls adjusted to be automatically applied by feeders
- UL pending

