

HIGHLIGHTS

- **Print, Cut and Seal in one step**
- **11 colors of Thermoseal tape**
- **User Friendly**
- **Easy Maintenance**
- **No Solvents required**

Y151T

Temporary identification system

Print, cut and seal



PREVENT SORTING ERRORS

Color coded tags make sorting a simple task. Shirts can be sorted into movable transporters or numbered rail clips right off the folder or finishing unit, reducing the amount of labor required. Labels print clearly, adhere firmly, and yet peel off easily leaving no residue. Label length adjusts automatically to match the number of characters used.

Store... day... week... lot... bundle...

The Thermo-Seal® tag gives positive lot control to prevent costly, time consuming mix-ups and lost garments. Large clearly printed letters and numerals make sorting easier. Four to twelve characters are set in seconds for any code. The tape in eleven solid colors allows you to combine color code with your printed code making sorting easier and faster.

Thermo-Seal® taperolls

The tape specifically made for all Thermo-Seal® temporary marking machines. The eleven colors are orange, yellow, red, gray, lavender, white, green, blue, pink, gold and tan. Adheres to cotton, poly/cotton blends, loose weave polyester and wools.



Thermo-Flags® tags

Where Thermo-Seal® tape can't be applied directly to the garment, apply tape to a Thermo-Flag® and staple or pin to garment. White only.

Ink ribbon cartridge

Black indelible ink, part # RC2410-24. Prints stays clear and legible through laundering, dry cleaning and finishing operations. The ink cartridge is very easy to load.



Authorized Reseller Certificate

This is to certify that

World Trading Services

is an authorized reseller for

Saudi Arabia

Thermopatch offers textile labeling and
decoration products

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2022

Y151

Speeds marking in...helps prevent sorting errors! Reduces sorting labor.

Color coded tags make sorting shirts a simple task. Shirts can be sorted into movable transporters or numbered rail clips right off the folder or finishing unit, reducing the amount of labor required. Labels print clearly, adhere firmly, and yet peel off easily. Label length adjusts automatically to match number of characters.

Store... day... week... lot... bundle

The Thermo-Seal® tag gives positive lot control to prevent costly, time consuming mix-ups and lost garments. Large, clearly printed letters and numerals make sorting easier. Four to twelve characters are set in seconds for any code. The tape in eleven solid colors allows you to combine color code with your printed code to make sorting even easier and faster.

Thermo-Seal® taperolls

The tape specifically made for all Thermo-Seal® temporary marking machines. The eleven colors are orange, yellow, red, gray, lavender, white, green, pink, blue, gold and tan. Adheres to cottons, poly/cotton blends, loose weave polyester and wools.

Thermo-Flags® tags

Where Thermo-Seal® tape can't be applied directly to the garment, apply tape to a Thermo-Flags® and staple or pin to garment. White only.

Ink ribbon cartridge # RC2410-15

Black indelible ink ribbon. Prints sharply and cleanly on Thermo-Seal® taperolls. Print stays clear and legible through laundering, dry cleaning and finishing operations. The ink cartridge is very simple to snap into place.





Thermoseal tape

Combine colour and code successfully with an efficient sorting system. The Thermoseal tape adheres perfectly to most textiles and is available in 10 colours and white and two widths.

Thermoseal 4635 1/4" for Y-600, Y-151, Y-140-B, Y-130 Rabbit, Y-126, etc.

Thermoseal 8635 1/2" for Y-600 and Y-300 models.

Packed and supplied as 6 rolls per colour.



Shown colours may be different from the actual colors.

Type	Temperature °C	Time seconds	Pressure kg/cm2	Remarks	Washing Dry cleaning
Thermoseal	175	2,7 - 4,5	0,5	removable	95 °C

EC - STATEMENT OF CONFORMITY

As manufacturer the company

Thermopatch bv
Draaibrugweg 14-16
1332 AD ALMERE - NETHERLANDS

confirms the machine for temporary marking

Thermo-Seal Y-151

meets the requirements as stated in the EC directives for machine safety and health rules and shows conformity to the following criteria and provisions: Low Voltage Directive (73/23/EEC)/EN60950, EMC Directive (89/336/EEC)/ EN55022 & EN50082-1 - 89/392/ewg and 89/368/ewg

and in particular the following requirements:

EN 55022:2006 EN
55014-1:2006 EN
61000-3-2:2006 EN
61000-3-3:1995
+A1:2001, A2 :2005

EN 55014-2 :1997
+A1 :2001 EN61000-
4-2 :1995 +A1 :1998,
A2 :2001 EN 61000-
4-4 :2004 EN 61000-
4-5 :1996 EN 61000-
4-6 :1996 +A1 :2001

EN 61000-4-11 :2004

The undersigned declares that the described product meets the essential requirements of the EMC Directive 2004/108/ EC, based on a non-recurrent examination.

KEMA Quality BV Certificate nr. 2113668.0551-QUA/

EMC

THERMOPATCH B.V.

J. Bausch
Director

1.1 What Did You Receive?

The Y151 **Thermo-Seal** machine has been packed in a cardboard shipment container with laminated foam protection cradles on each end. Various components of the Y151 **Thermo-Seal** machine can be found packaged within. The Y151 **Thermo-Seal** comes complete with the following components:

- Y151 **Thermo-Seal** machine with keyboard
- Ink Ribbon Cartridge RC2410-15
- Line Power Cord 115 volt #20080-70 or 230 volt #41969
- Label Tape Cassette Storage Rack #47068
- Label Tape Cassette, quantity of 6 #47083
- A roll of white **Thermo-Seal** Label Tape #TS4635-01
- Air Filter Pressure Regulator #47094
- Main air line hose #DH-6795
- Rubber Sealing Platen #DH-3187
- Button head socket hex screws, 2 #21061-26-N
- Hex L-Key, 4mm #24085-14
- Ez-Off Cleaner Thermopatch #DH-6873 or SPADH-6873

If one of these components is missing, please contact your Thermopatch Sales Representative.

Thermo-Seal Label Marking Tapes

TS4635-01	White
TS4635-02	Tan
TS4635-03	Blue
TS4635-05	Gray
TS4635-06	Lavender
TS4635-07	Yellow
TS4635-08	Green
TS4635-09	Red
TS4635-11	Orange
TS4635-13	Pink
TS4635-14	Gold

Troubleshooting

Before referring to the following information, check for proper set up and operation as outlined in preceding sections of this manual. Some repair procedures require a person with mechanical and electrical skills.

Failure	Possible Causes	Solution
Machine does not function	Not connected to outlet	Check Outlet
	No line power to outlet	
	Fuses blown in Power Entry Module	Check fuses in Power Entry Module
Sealing pressure fluctuates	Leak in Air Supply Hose	Repair or replace
	Dust or water in air lines, Regulator or Solenoid Valve	Disassemble and clean
Machine does not seal	Insufficient air pressure	Check, seal and adjust Air Filter Press/Reg
	Press Arm Limit Switch defective	Check wiring or replace switch
	Solenoid Valve not engaged	Check wiring and air leaks at fittings. Replace Solenoid
No Heat	No power to machine	Check outlet and fuses
	Heater Element defective	Replace
	Temperature Sensors defective	
	Solid State Relay defective	
Main Controller Board defective		
Error Detected: Heater Defective	Defective Heater Element	Replace
Error Detected: PT 1600 Defective	Defective Temperature Sensors	Replace
Temperature too high or too low	Temperature settings have been changed	Reset temperature settings
	Temperature sensors are defective	Replace sensors

Failure	Possible Causes	Solution
Poor sealing quality	Temperature setting is incorrect	See section 4
	Air pressure setting is incorrect	See section 2.4
	Sealing time is incorrect	See section 4
	Heater Shield is loose or dirty	Correct or clean
	Sealing Platen worn or dirty	Replace or clean
Poor printing quality	Ink Ribbon Cartridge dry	Replace
	Ink Ribbon in cartridge is not moving	
	Print Head defective	
	Text spacing incorrect	See section 4
Printed text has horizontal type blanks	Printer Head is defective	Replace
	Controller Board is defective	
Dynamic Knife does not cut Label Marking	Dynamic Knife is dull	Replace
	Dynamic Knife Cylinder is not actuating	Check air line tube connections or replace Knife Cylinder
Label Marking Tape is jamming in the Tape Guide	Tape Guide is dirty	Clean Int. & Ext. Tape Guide, see section 7.5
	Splice in Label Marking Tape or fold in tape	Remove tape and cut off spliced tape section
Unreadable or no LCD Panel Display	Loose connection at LCD Panel or Controller Board	Reset Ribbon at LCD Panel or Controller Board
	Defective Ribbon Cable	Replace
	Defective LCD Panel	

Failure	Possible Causes	Solution
Incorrect Character Spacing on Label Tape	Obstruction in Tape Guide	Clean Tape Guide
	Worn Spindle Drive Ring	Replace, see section 7.6
	Defective Stepper Motor	Replace
Marks on garment or textile item	Ink build-up on Rubber Platen	Clean or replace
	Ink build-up on Heater Shield	
Textile is discolored during sealing	Textile is temperature sensitive or textile care symbols disregarded	Mark with Extra Long Label Tag or with Label Flag
	Time setting too long	Decrease time
	Temperature too high	Correct temperature
Labels become loose on left side	High mechanical load during washing or cleaning	Replace Rubber Sealing Platen
	Temperature too low	Correct temperature
	Sealing pressure too low	Correct pressure
	Sealing time too short	Correct time