



# FTI-M Ribbon

## Thermal Transfer Ribbon Specifications

### TECHNICAL DATA SHEET

Revision Number. 1  
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FTI-M ribbon is a Wax Resin ribbon for thermal transfer printers that produces a good print image which has good smear and general good print permanence. For use on a wide range of identification products. Ideal for use in environments where the marker is in a protected environment where its not exposed to any fluids and abrasion and chemical attack.

- \* Applicable on a wide range of receiving labels
- \* Good Smudge resistance

Can be used for applications requiring medium resistance to temperature Print performance.

See individual technical data sheets.

### Industry



Industry



Marine



Wind power



Commercial



Aerospace



Construction



Railway



Military



Electrical installations



Petrochemical



Telecom

### STANDARD COLOR



### MATERIAL SUBSTRATE

Polyester

### INK TYPE

Wax - Resin

### MELTING POINT

84°C (179°F)

### HEAT RESISTANCE

Up to 120°C

### SMUDGE & SCRATCH RESISTANCE

Good smear Resistance

### RESISTANCE TO SOLVENTS

Not recommended

### ROHS COMPLIANT

Yes

### APPLICABLE PRINTERS

CAB - EOS - SQUIX - A4+M

### HALOGEN FREE

Yes

### THERMAL PRINTING ENERGY

Medium

### DIMENSIONS

110mm x 360Meter

4.3 INCHES X (984 FEET)

### WINDING DIRECTION

Inkside in

### STORAGE

Do not store in direct sunlight. From date of manufacture 2 years. Cool and dry in original packaging. Recommended temperature.

-5°C (23°F) and 40°C (104°F) is the most critical temperatures it can be stored under.

Prolonged storage at higher temperatures and / or higher humidity will shorten shelf life.

### APPLICATIONS

Developed to be used in normal Industry, Wind Power, Commercial, Construction, Electrical and Telecom installations, wire & cabling for cable and wire marking products.

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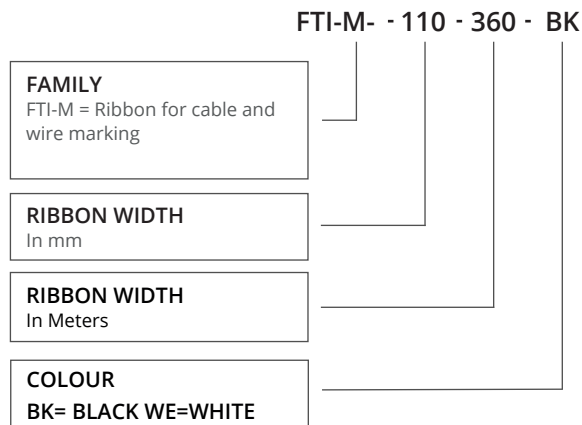
## Ordering Info Ribbbon Inkside In

PART NUMBER	TYPE	W X L RIBBON	MATERIAL	QTY-PCS	Colour	UOM	Winding Direction	Inner Core Diameter
FTI-M-110x360-BK	Ribbon	110mm x 360 Meter (4,3 inchesx1181 feet)	Resin	1	Black	Roll	Inkside In	25.4mm ( 1inch)
FTI-M-055x300-BK	Ribbon	55mm x 300 Meter (2,16 inches x 984 feet)	Resin	1	Black	Roll	Inkside In	25.4mm ( 1inch)
FTI-M-055x300-WE	Ribbon	55mm x 300 Meter (2,16 inches x 984 feet)	Resin	1	White	Roll	Inkside In	25.4mm ( 1inch)

## Ordering Info - Part Number Example

### PART NUMBER EXAMPLES - FTI-Y-110x360-BK

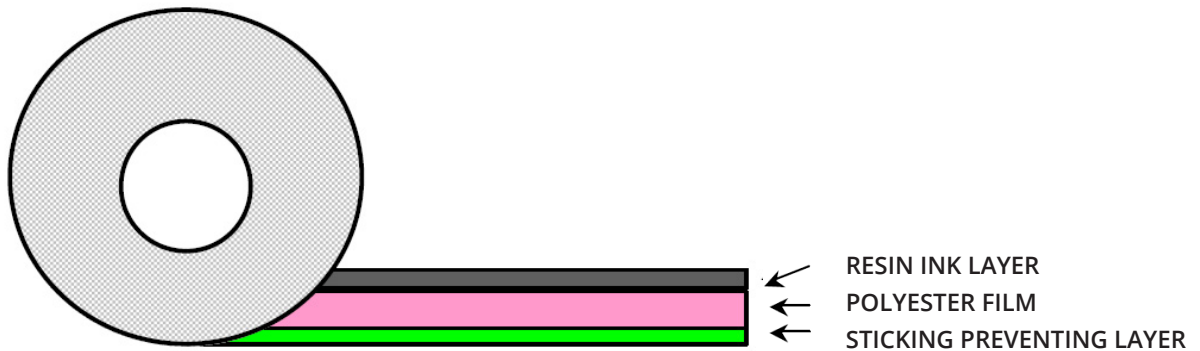
### Product code



## Properties - Performance



## Drawing - Ribbon Inkside In



THICKNESS OF RIBBON	µm	9
THICKNESS OF POLYESTER FILM	µm	4.5
INK WEIGHT	Gram / m2	2.3

# General Values for Thermal transfer Ribbon

## INK PHYSICAL

PROPERTIES	TEST METHOD	TYPICAL VALUE
Coating Weight	.....	1,8 g/m <sup>2</sup>
Type of ink	.....	Resin
Sensitivity of Ink	.....	Middle

## INK THERMAL

PROPERTIES	TEST METHOD	TYPICAL VALUE
Temperature Melting Point	.....	84° C -(180°F)

## SUBSTRATE PHYSICAL

PROPERTIES	TEST METHOD	TYPICAL VALUE
Material	.....	Polyester
Thickness	.....	4,5 µm
Density	.....	1,4 m <sup>2</sup>
Tensile Strength	.....	200N/mm <sup>2</sup>

## SUBSTRATE THERMAL

PROPERTIES	TEST METHOD	TYPICAL VALUE
Temperature melting point	.....	250 ° C<

## IMAGE STABILITY

PROPERTIES	TEST METHOD	TYPICAL VALUE
Heat resistance	.....	180 ° C
Scratch resistance	.....	Medium
Smugde resistance	.....	Medium
Solvent resistance	.....	Not recomendated with fluids