

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.

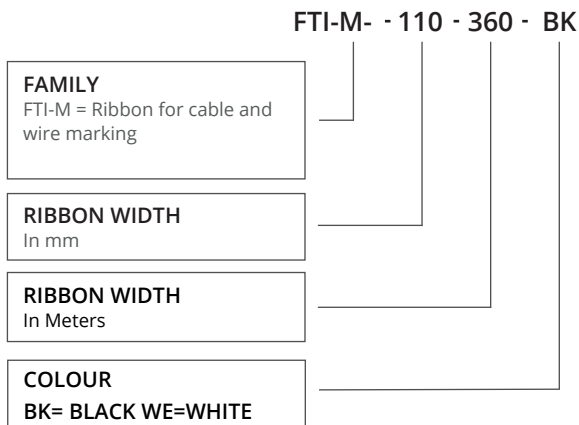
Ordering Info Ribbbon Inkside In

| 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

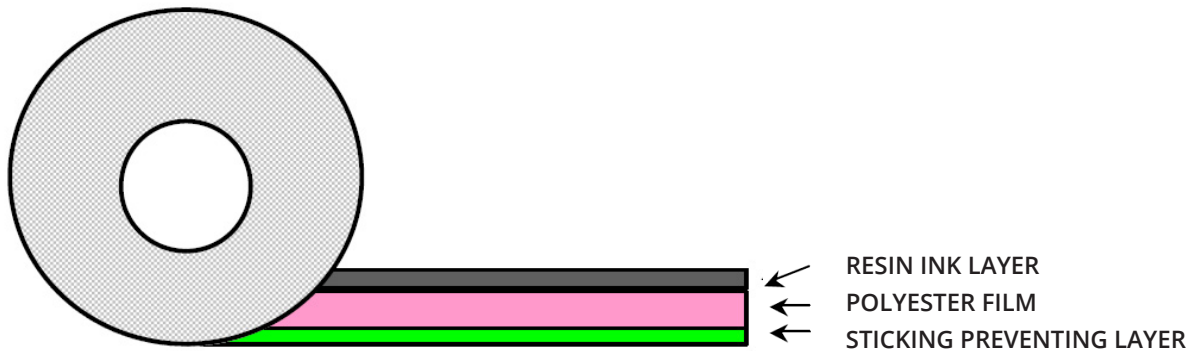
Product code



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 ² |
| 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 ² |
| Tensile Strength | | 200N/mm ² |

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 |