

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
- * Excellent Smudge resistance
- * Excellent Solvent 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 (183°F)

HEAT RESISTANCE

up to 120°C (248°F)

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

3.9 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.

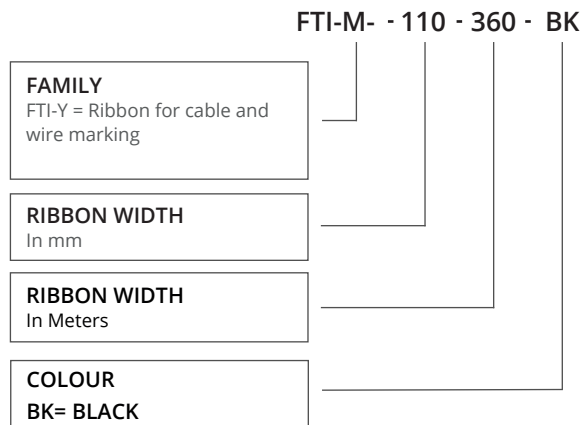
Ordering Info Ribbbon Inkside In

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 inches x 1181 Feet)	Wax-Resin	1	Black	Roll	Inkside In	25.4mm (1inch)
FTI-M-055x360-BK	Ribbon	110mm x 360 Meter (2,16 inches x 1181 Feet)	Wax-Resin	1	Black	Roll	Inkside In	25.4mm (1inch)

Ordering Info - Part Number Example

PART NUMBER EXAMPLES - FTI-M-110x360-BK

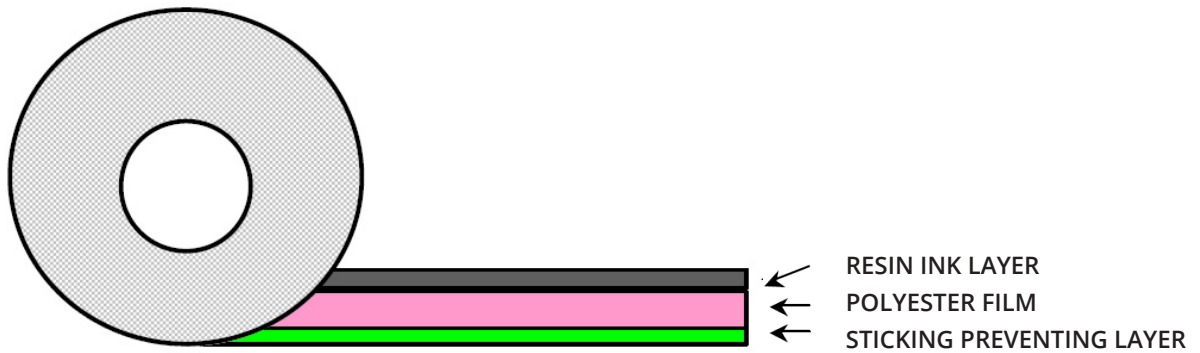
Product code



Properties - Performance



Drawing - Ribbon Inkside In



THICKNESS OF RIBBON	µm	9
THICKNESS OF POLYESTER FILM	µm	4.5
INK WEIGHT	Gram / m ²	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 -(184°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	120 ° C Max
Scratch resistance	Low - Medium
Smugde resistance	Medium
Solvent resistance	Not recomendated with fluids