

FTI-Y Ribbon

Thermal Transfer Ribbon Specifications

TECHNICAL DATA SHEET

Revision Number. 1
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FTI-Y ribbon is a speciality resin ribbon for thermal transfer printers that produces a good print image which has good chemical resistance, scratch resistance and general good print permanence with excellent edge definition.

For use on a wide range of identification products. Ideal for use in environments where the marker may come into contact with occasional abrasion, solvent or chemical attack.

- * Excellent Scratch resistance
- * Excellent Smudge resistance
- * Excellent Solvent Resistance

Can be used for applications requiring resistance to high 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

Resin

MELTING POINT

82°C (179°F)

HEAT RESISTANCE

Minimum 180°C

SMUDGE & SCRATCH RESISTANCE

Outstanding

RESISTANCE TO SOLVENTS

Resistant against solvents and chemicals

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 (1181 FEET)

WINDING DIRECTION

Inkside in & Out

STORAGE

Do not store in direct sunlight.
From date of manufacture 1 year.
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-Y-110x360-BK	Ribbon	110mm x 360 Meter (4,3 x 1181 Feet)	Resin	1	Black	Roll	Inkside In	25.4mm (1inch)
FTI-Y-055x360-BK	Ribbon	55mm x 360 Meter (2,1 inches x 1181 Feet)	Resin	1	Black	Roll	Inkside In	25.4mm (1inch)
FTI-Y-060x360-BK	Ribbon	60mm x 360 Meter (23,6 x 1181 Feet)	Resin	1	Black	Roll	Inkside In	25.4mm (1inch)
FTI-Y-025x360-BK	Ribbon	25mm x 360 Meter (0,98 inches x 1181 Feet)	Resin	1	Black	Roll	Inkside In	25.4mm (1inch)

Ordering Info Ribbbon Inkside Out

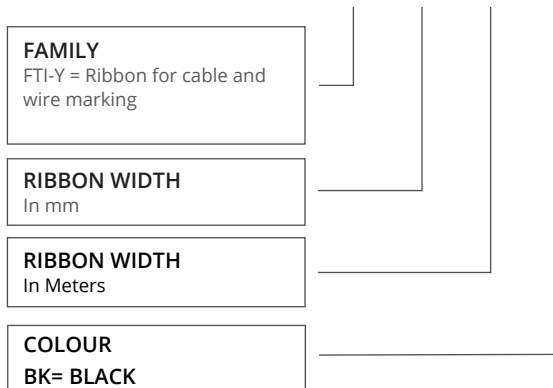
PART NUMBER	TYPE	W X L RIBBON	MATERIAL	QTY-PCS	Colour	UOM	Winding Direction	Inner Core Diameter
FTI-Y-CO-025x300-BK	Ribbon	25mm x 300 Meter (0,98 inches x 1181 Feet)	Resin	1	Black	Roll	Inkside Out	25.4mm (1inch)
FTI-Y-CO-055x300-BK	Ribbon	55mm x 300 Meter (2,1 inches x 1181 Feet)	Resin	1	Black	Roll	Inkside Out	25.4mm (1inch)
FTI-Y-CO-110x300-BK	Ribbon	110mm x 300 Meter (4,3 x 1181 Feet)	Resin	1	Black	Roll	Inkside Out	25.4mm (1inch)

Ordering Info - Part Number Example

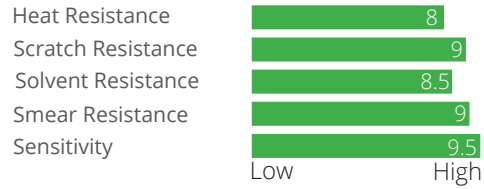
PART NUMBER EXAMPLES - FTI-Y-110x360-BK

Product code

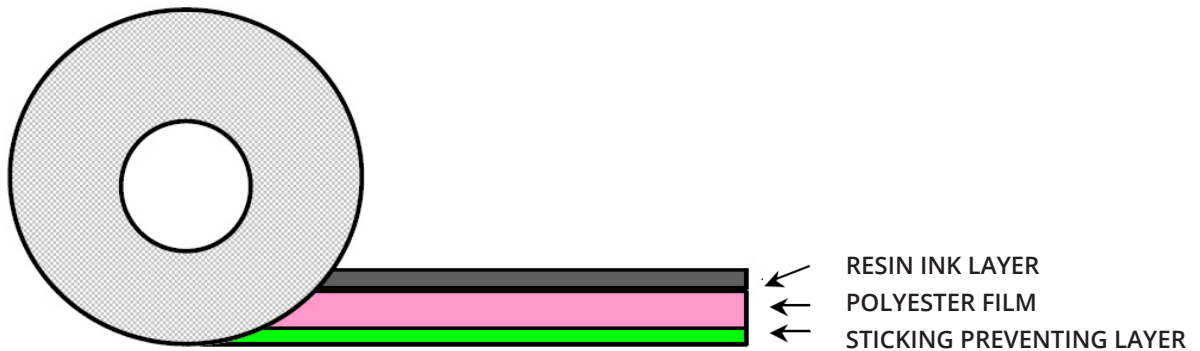
FTI-Y- - 110 - 360 - BK



Properties - Performance



Drawing - Ribbon Inkside In



THICKNESS OF RIBBON	µm	8
THICKNESS OF POLYESTER FILM	µm	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	-82° C -(179°F)

SUBSTRATE PHYSICAL

PROPERTIES	TEST METHOD	TYPICAL VALUE
Material	Polyester
Thickness	4,5 µm
Density	1,4 m ²
Tensile Strength	19kg/mm ²

ADHESIVE THERMAL

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

IMAGE STABILITY

PROPERTIES	TEST METHOD	TYPICAL VALUE
Heat resistance	180 ° C
Scratch resistance	Excellent
Smudge resistance	Excellent
Solvent resistance	Excellent