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# Technical datasheet

Issue: 14.09.2012

## Product Description

### *Thermal Transfer Ribbon FTI-X White*

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**Type:**

White (Pantone 424 C) specialty-resin thermal transfer ribbon

**Ink:**

Coating Weight: 1,8 g/m<sup>2</sup>  
Melting Point: 82° C (179° F)  
Type of Ink: Resin  
Sensitivity of Ink: Middle

**Substrate:**

Material: Polyester  
Melting Point: 250° C <  
Thickness: 4.5µm  
Density: 1,4 m<sup>2</sup>  
Tensile Strength: 19 kg/mm<sup>2</sup>

**Image Stability:**

Heat Resistance: 180° C (one colour)  
Scratch Resistance: Excellent  
Smudge Resistance: Excellent  
Solvent Resistance: Excellent

**Performance Characteristics:**

- Very good print quality on synthetics (matt and high gloss)
- Outstanding smudge and scratch resistant
- Resistant against solvents and chemicals
- Medium printing energy
- Excellent edge definition

**Storage conditions:**

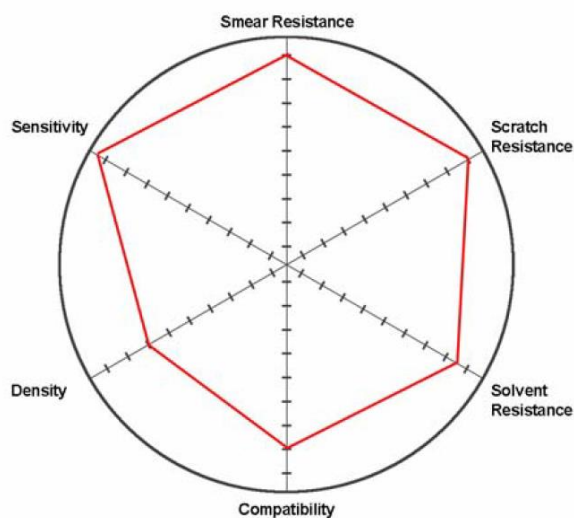
Storage temperature: +10°C - +35°C at relative humidity of 30 – 80%

**Notes:**

This information and data is believed to be accurate and reliable. Although the information and recommendations set forth herein are presented in good faith and believed to be correct as of this date, Link Solutions makes no representations as to the completeness or accuracy thereof. We place at your disposal the technical information necessary for the correct use of our products. As conditions and methods of use are beyond our control, that the person receiving the same will make their own determination as to the suitability for their purpose. We reserve the right to modify characteristics with the aim of improving the product and adapting it to the requirements of the market.

**Substance information**

Hazardous Components	OSHA PEL	ACGIH TLV	Other Limits Recommended	%
Polyethylene Terephthalate film (CAS# 25038-59-9)	-	-	-	65-75%
Coating Layer Substances	-	-	-	24%
Carbon Black (CAS# 1333-86-4)	3.5mg/m <sup>3</sup>	3.5mg/m <sup>3</sup>	-	4-6%
Acrylic Resin (CAS# 9011-14-7)	-	-	-	6-9%
Chrolynated-polypropylene resin (CAS# 68442-33-1)	-	-	-	3-4%
Polyester (CAS# 73144-93-1)	-	-	-	2-3%
Vinyl Chloride – Vinyl Acetate co-polymers (CAS# 9003-22-9)	-	-	-	2-3%
Styrene-acrylonitrile-co-polymers (CAS# 9003-54-7)	-	-	-	1-3%
Zincstearyl-phosphate resin (CAS# 4615-31-0, 16700-97-3)	-	-	-	~2%
Urea Resin (CAS# 9011-05-6)	-	-	-	~2%
Others	-	-	-	3-8%



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