Technical datasheet

Issue: 03.11.2011

Product Description
Thermal Transfer Ribbon FTI-Y Black

Type:

Black Specialty-Resin thermal transfer ribbon

Ink:

Coating Weight:	1,8 g/m^2
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^2
Tensile Strength:	19 kg/mm^2

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 (preferred high gloss)
- outstanding smudge and scratch resistant
- resistant against solvents and chemicals
- medium printing energy
- Excellent edge definition

Storage conditions:

Storage temperature: +10^{0}C - +35^{0}C at relative humidity of 30 – 80%

Notes:

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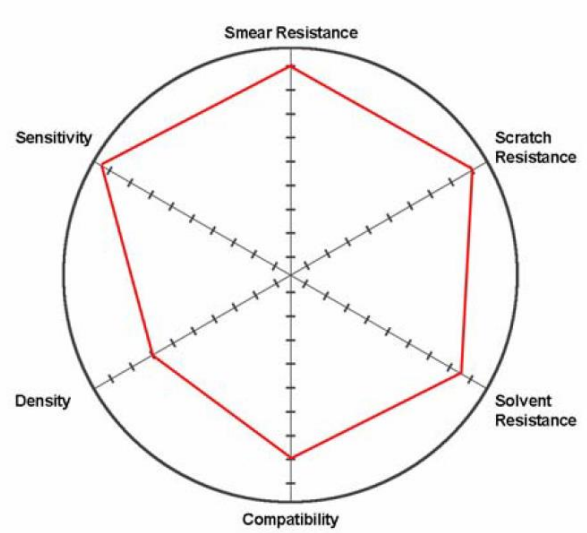
We reserve the right to modify characteristics with the aim of improving the product and adapting it to the requirements of the market.

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^3	3.5mg/m^3	-	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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