

Product Specification Sheet

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Resin Premium thermal-transfer ribbon

The high-quality resin ribbon can be used with high print temperatures while maintaining excellent print quality. Contrast-rich print results can be achieved on plastic surfaces such as PVC-, PE- and PP Labels. A good transfer rate can be obtained at print speeds of up to 175 mm/s. The ribbons are compatible with all common flathead thermal transfer printers.

Material Specifications:

Quality	Resin
Print Head	Flathead
Liner	PET, 4.5µm

Print Specifications:

	Value (Tolerance)	Unit
Print Speed	50-150 (+/- 10%)	mm/s
Melting Temperature	100 (+/- 10%)	°C DSC
Optical Density Ribbon	1.5-2 (+/- 10%)	D
Optical Density Print Result	1-2.25 (+/- 10%)	D
Total Ribbon Thickness	5-6 (+/- 10%)	µm

Resistance:

	PE	PP	PVC	
Scratch Test ²	90	48	45	cycles
Smear Test ³	>1000	>1000	>1000	cycles
Ethanol ³	5	7	50	cycles
Petrol ³	12	15	1000	cycles
Water ³	>1000	>1000	>1000	cycles

*Test methods: Manufacturer's Test method, except: 2= Taber 250g, 3=Crockmeter 355g

Certifications: Material is REACH and ISEGA certified.

Printability: Suited best for a variety of different PVC, PE and PP materials.

Storage: Material is stable for one year stored at max. 10-35°C and 30-80% rel. humidity. Direct sunlight and putting pressure on the ribbons should be avoided by all means.

Note: All values are guidelines and not intended for use in setting specifications. The information provided does not constitute any warranty, express or implied, and is intended solely for the recipient and shall not be forwarded to any third party. The buyer of our products shall be solely responsible for independently determining if the product conforms to all requirements of their unique application. Samples of our materials can be provided upon request. Information is subject to change without prior notification. Last Updated: February 2017.