

TECHNICAL DATA SHEET

138 Resin Thermal Transfer Ribbon

Specific Features:

- Resin ribbon for excellent barcodes and variable images.
- Good heat resistance.
- Excellent solvent resistance.
- High density.
- Good scratch resistance.
- Highly versatile: compatible with a vast array of substrates.

Recommended Applications

- Shelf labels, warning labels, drums labels, component labels, demanding automotive labels and under hood labels, pharmaceutical labels, circuit board labeling, outdoor use.
- In general, applications where scratch resistance, rub resistance, solvent and heat resistance are important.

Substrate

Polyester, p.v.c, polyimide, synthetic label.

Item	Value	Test method
Polyester Film Thickness	4.0 microns	Micrometer
Color	Black	-
Ink Coating Weight	1.95 ± 0.30 g/m ²	-
Heat Resistance Coating Weight	0.40 ± 0.10 g/m ²	-
Ink Softening Point	166~168°C(330.8~334.4°F)	Manufacturer's published values
Print Sensitivity	3	Manufacturer Method
Print Energy (PET Label)	-	-
Abrasion Resistance	12	Manufacturer Method
Heat Resistance	<180°C(<356°F)	Manufacturer Method
Print Density	>1.9	Optical Densitometer

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