

RS1

RIBBON SPECIFICATION SHEET

RESIN

THERMAL TRANSFER RIBBON

RS1 is a resin ribbon, designed to provide a durable image on plastic labels. It is optimised for resistance to scratching.

RIBBON PROPERTIES

INK TYPE	RESIN
RIBBON THICKNESS	8.8±0.3µm
BASE FILM	POLYESTER (4.5±0.3µm)
COLOUR	BLACK
TRANSMISSION DENSITY	MORE THAN 1.0 (MACBETH)
PRINT SPEED	UP TO 6"/SEC
PRINTING ENERGY	17mJ/mm ²

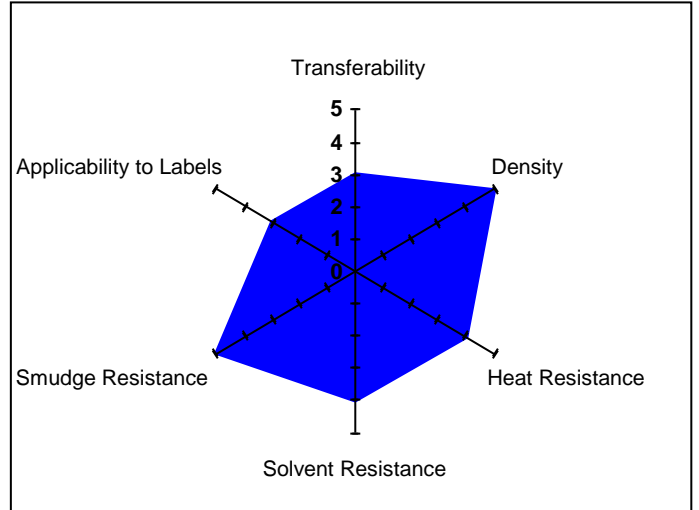


IMAGE PROPERTIES

IMAGE DENSITY	MORE THAN 1.7 (MACBETH)
BARCODE SYMBOL	MORE THAN ANSI 3.5/A (PARALLEL BARCODE)
RECOMMENDED LABEL STOCKS	POLYESTER FILM, SYNTHETIC PAPER, PET
SMUDGE RESISTANCE	MORE THAN 90% (MACBETH) * 1
UV RESISTANCE	MORE THAN 70% (MACBETH) * 2
USAGE CONDITIONS	5°C TO 35°C / 20% TO 80% RELATIVE HUMIDITY
STORAGE CONDITIONS	0°C TO 40°C / 20% TO 80% RELATIVE HUMIDITY

*1 RUB TEST PRESSURE : 1.96 X 10⁴ Pa, STROKE CYCLE : 3000 CYCLES, CORRUGATED PAPER
*2 EXPOSURE 168 HOURS ON UV TEST MACHINE, EQUIVALENT TO 3 MONTHS DAYLIGHT EXPOSURE