

US150

RIBBON SPECIFICATION SHEET WAX/RESIN

THERMAL TRANSFER RIBBON

US150 is a premium wax/resin ribbon, designed to provide a high resolution image on a wide variety of label stocks. It has excellent smear resistance and good resistance scratching and chemicals.

RIBBON PROPERTIES

INK TYPE	WAX/RESIN
RIBBON THICKNESS	10.0±0.3µm
BASE FILM	POLYESTER (4.5±0.3µm)
COLOUR	BLACK
TRANSMISSION DENSITY	MORE THAN 0.9 (MACBETH)
PRINT SPEED	UP TO 8"/SEC
PRINTING ENERGY	14mJ/mm ²

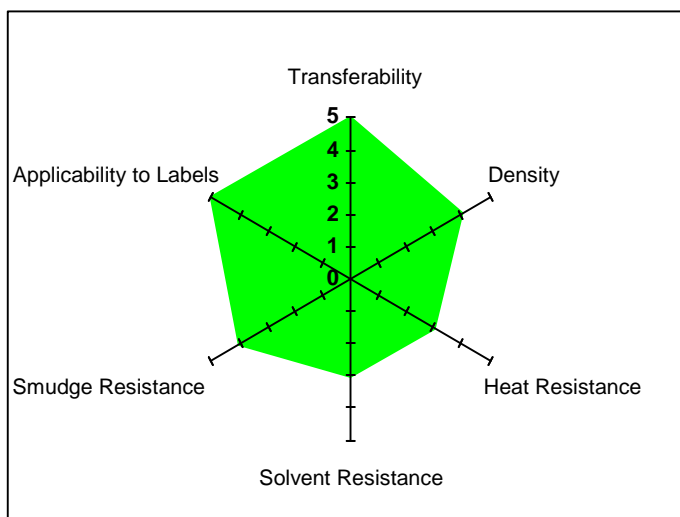


IMAGE PROPERTIES

IMAGE DENSITY	MORE THAN 1.9 (MACBETH)
BARCODE SYMBOL	MORE THAN ANSI 3.5/A (PARALLEL BARCODE)
RECOMMENDED LABEL STOCKS	COATED PAPER, GLOSS PAPER, SYNTHETIC PAPER, PET
SMUDGE RESISTANCE	MORE THAN 90% (MACBETH) * 1
UV RESISTANCE	MORE THAN 80% (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 EXPOSURE

PRESSURE : 1.96 X 10⁴ Pa, STROKE CYCLE : 500 CYCLES, CORRUGATED PAPER
168 HOURS ON UV TEST MACHINE, EQUIVALENT TO 3 MONTHS DAYLIGHT EXPOSURE



UNION CHEMICAL

NOTE : THE INFORMATION SHOWN ABOVE IS BASED UPON TESTS CARRIED OUT BY UNION CHEMICAL CO. LTD., AND IS BELIEVED TO BE RELIABLE. SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE