

US550

THERMAL TRANSFER RIBBON

RIBBON SPECIFICATION SHEET

RESIN

NEAR
EDGE

US550 is a resin ribbon, specifically designed for use on printers with “Near Edge/Corner Edge” type thermal print heads. It has excellent scratch and chemical resistance.

RIBBON PROPERTIES	
INK TYPE	RESIN
RIBBON THICKNESS	6.5±0.3µm
BASE FILM	POLYESTER (4.5±0.3µm)
COLOUR	BLACK
TRANSMISSION DENSITY	LESS THAN 0.5 (MACBETH)
PRINT SPEED	UP TO 10"/SEC
PRINTING ENERGY	15mJ/mm ²

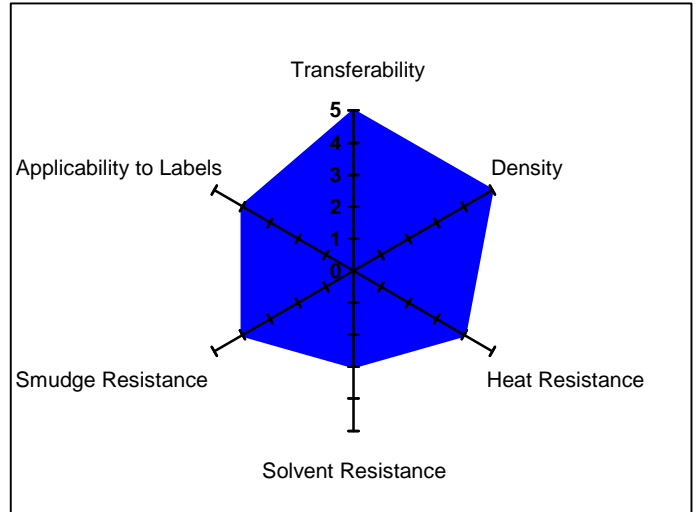


IMAGE PROPERTIES	
IMAGE DENSITY	MORE THAN 1.5 (MACBETH)
BARCODE SYMBOL	MORE THAN ANSI 3.5/A (PARALLEL BARCODE)
RECOMMENDED LABEL STOCKS	POLYETHYLENE, POLYPROPYLENE, PET, NYLON
SMUDGE RESISTANCE	MORE THAN ANSI 1.5/C (POLYPROPYLENE) * 1
UV RESISTANCE	MORE THAN 80% (MACBETH) * 2
USAGE CONDITIONS	5°C TO 35°C / 20% TO 80% RELATIVE HUMIDITY
STORAGE CONDITIONS	0°C TO 40°C / 20% TO 80% RELATIVE HUMIDITY

*1 RUB TEST
*2 EXPOSURE

PRESSURE : 1.96 X 10⁴ Pa, STROKE CYCLE : 1000 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