

US770

THERMAL TRANSFER RIBBON

RIBBON SPECIFICATION SHEET

WAX/RESIN

NEAR
EDGE

US770 is a wax/resin ribbon, specifically designed for use on printers with “Near Edge/Corner Edge” type thermal print heads. It provides excellent smudge and scratch resistance at print speeds up to 20”/s.

RIBBON PROPERTIES

INK TYPE	WAX/RESIN
RIBBON THICKNESS	7.5±0.3µm
BASE FILM	POLYESTER (4.5±0.3µm)
COLOUR	BLACK
TRANSMISSION DENSITY	LESS THAN 1.0 (MACBETH)
PRINT SPEED	UP TO 20”/SEC
PRINTING ENERGY	12mJ/mm ²

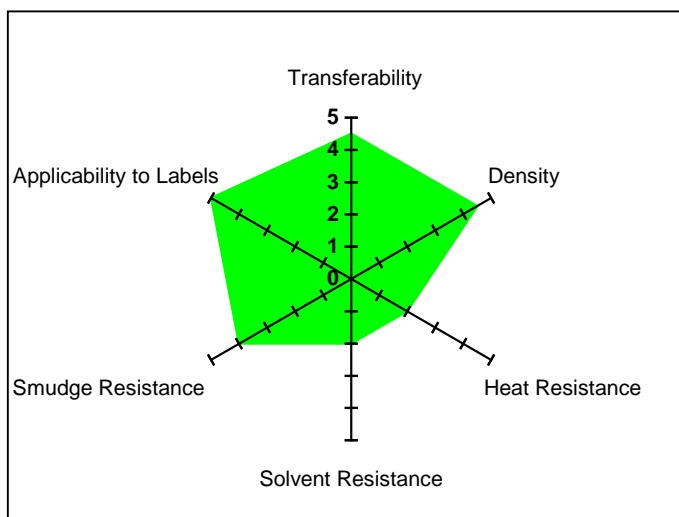


IMAGE PROPERTIES

IMAGE DENSITY	MORE THAN 1.7 (MACBETH)
BARCODE SYMBOL	MORE THAN ANSI 3.5/A (PARALLEL BARCODE)
RECOMMENDED LABEL STOCKS	COATED PAPER, GLOSS PAPER, SYNTHETIC PAPER
SMUDGE RESISTANCE	MORE THAN ANSI 3.5/A (COATED PAPER) * 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 : 1500 CYCLES, CORRUGATED PAPER
168 HOURS ON UV TEST MACHINE, EQUIVALENT TO 3 MONTHS DAYLIGHT EXPOSURE
IMAGE DENSITY IS MAINTAINED AT 80% OR HIGHER AFTER TEST.



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