

US140

RIBBON SPECIFICATION SHEET WAX/RESIN

THERMAL TRANSFER RIBBON

US140 is a standard wax/resin ribbon, designed to work on a wide range of printers and label stocks.

RIBBON PROPERTIES

| | |
|----------------------|-------------------------|
| INK TYPE | WAX/RESIN |
| RIBBON THICKNESS | 7.5±0.3µm |
| BASE FILM | POLYESTER (4.5±0.3µm) |
| COLOUR | BLACK |
| TRANSMISSION DENSITY | MORE THAN 1.5 (MACBETH) |
| PRINT SPEED | UP TO 10"/SEC |
| INK MELT POINT | 80°C |
| PRINTING ENERGY | 13mJ/mm ² |

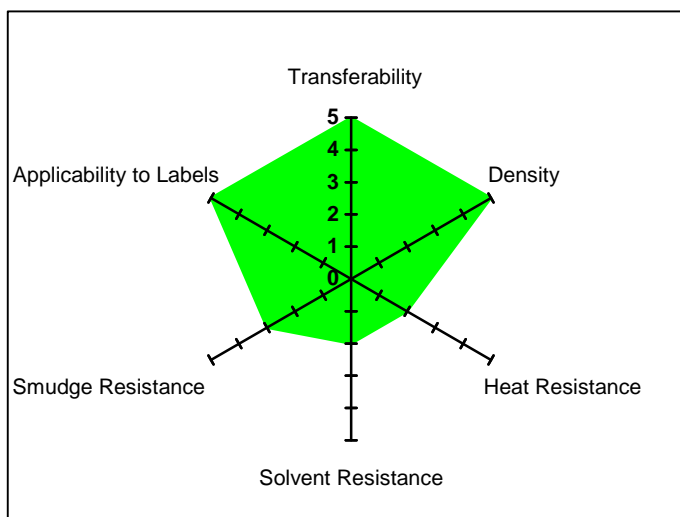


IMAGE PROPERTIES

| | |
|--------------------------|---|
| IMAGE DENSITY | MORE THAN 1.8 (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 : 300 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