

# UH710

## THERMAL TRANSFER RIBBON

### RIBBON SPECIFICATION SHEET

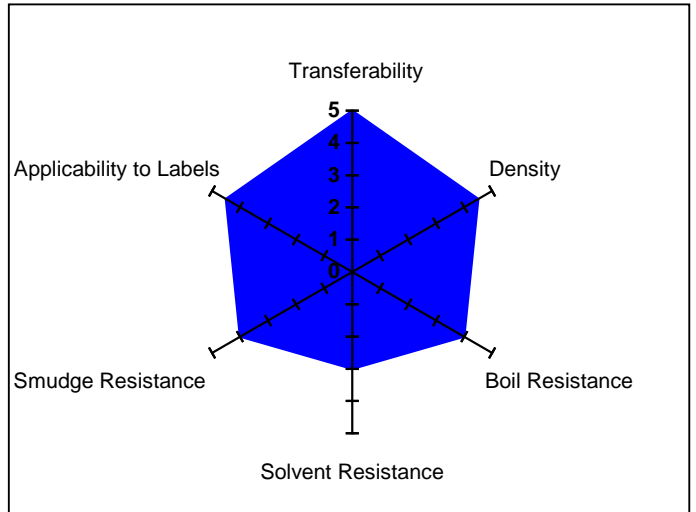
# RESIN

NEAR  
EDGE

UH710 is a resin ribbon for use on printers with “Near Edge/Corner Edge” type thermal print heads. It is specifically formulated for use on flexible packaging materials in high print speed, low print energy applications.

#### RIBBON PROPERTIES

INK TYPE	RESIN
RIBBON THICKNESS	6.5±0.3µm
BASE FILM	POLYESTER (4.5±0.3µm)
COLOUR	BLACK
TRANSMISSION DENSITY	LESS THAN 1.0 (MACBETH)
PRINT SPEED	UP TO 17"/SEC
PRINTING ENERGY	13mJ/mm <sup>2</sup>



#### IMAGE PROPERTIES

IMAGE DENSITY	MORE THAN 1.7 (MACBETH)
BARCODE SYMBOL	MORE THAN ANSI 3.5/A (PARALLEL BARCODE)
RECOMMENDED LABEL STOCKS	POLYETHYLENE, POLYPROPYLENE, PET, NYLON
SCRATCH RESISTANCE	MORE THAN ANSI 3.5/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 10<sup>4</sup> Pa, STROKE CYCLE : 2000 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