

US774

RIBBON SPECIFICATION SHEET WAX/RESIN NEAR-EDGE

THERMAL TRANSFER RIBBON

US774 is a "Near Edge/Corner Edge" wax/resin ribbon, specifically designed for packaging industry. This ribbon has been coated on to a 4-micron base film which results in this ribbon giving an excellent performance in transfer sensitivity, a high image quality, with high speed printing on to various films, together with a high smear/scratch resistance.

RIBBON SPECIFICATIONS

● RIBBON

GRADE : WAX/RESIN, NEAR-EDGE
COLOUR : BLACK
THICKNESS : 6.0±0.5 μm
Anti-static formulation ink

BASE FILM : POLYESTER (4.0±0.1 μm)
BACK COAT : SILICONE BASED
INK MELTING POINT : 65 °C

● STORAGE AND USE

STORAGE : 0-40 °C (32-104 °F), 20-80 %RH
USE : 5-35 °C (41-95 °F), 20-80 %RH

● RECOMMENDED LABEL STOCK

Coated paper, Glossy paper, Synthetic paper
PET, PP, Nylon

● CERTIFICATIONS

HEAVY METALS : 2011/65/EU, (EU)2015/863
(RoHS, RoHS2.0)
REACH : SVHC free
HALOGEN-FREE : IEC 61249-2-21
ISEGA CERTIFIED : Regulation (EC) no.1935/2004
FDA
BPA

*Above documents are available upon request.

● APPLICATION



LOGISTICS LABEL



FLEXIBLE PACKING



TAG

RIBBON PERFORMANCE

IMAGE DENSITY (KONICA MINOLTA FD-5)



0 0.5 1 1.5 2 2.5

SCRATCH RESISTANCE (Stroke cycle)



0 100 200 300 400
Pressure: 1Kg, Stroke with Stainless ball(SUS304, φ 3.175mm),
(HEIDON 14DR)

PRINT SPEED (inch/sec)



0 8 16 24 32 40

UV RESISTANCE (%)



168 hours exposed on UV test machine.

TRANSFER SENSITIVITY



0 1 2 3 4 5

SOLVENT RESISTANCE



WEAK STRONG

* The numerical value indicated on this sheet is catalog value, and is not guarantee value.

* The information shown above is tentative and subject to change without notice.



UNION CHEMICAR

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