

UX104

RIBBON SPECIFICATION SHEET

RESIN NEAR-EDGE

THERMAL TRANSFER RIBBON

UX104 is a "Near Edge / Corner Edge" resin ribbon designed to print on to PET and NY films. This ribbon has been coated on to a 4-micron base film which results in the ribbon having an excellent smudge, scratch and solvent resistance. In addition to this, the ribbon performs with an exceptional high peelable adhesives resistance on PET and NY films.

RIBBON SPECIFICATIONS

● RIBBON

GRADE : RESIN, NEAR-EDGE
COLOUR : BLACK
THICKNESS : 7.0±0.5 μm
Anti-static formulation ink

BASE FILM : POLYESTER (4.0±0.1 μm)
BACK COAT : SILICONE BASED
INK MELTING POINT : 80 °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

PET, 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.

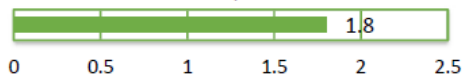
● APPLICATION



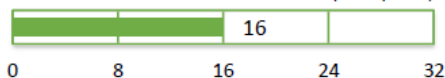
FLEXIBLE PACKING

RIBBON PERFORMANCE

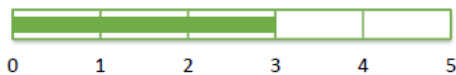
IMAGE DENSITY (KONICA MINOLTA FD-5)



PRINT SPEED (inch/sec)



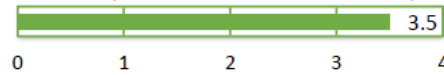
TRANSFER SENSITIVITY



PEELABLE ADHESIVE RESISTANCE



SCRATCH /SMUDGE RESISTANCE (ANSI)



Pressure Load: 300g, Stroke Cycle: 3,000 cycles with Stainless ball (SUS304, φ3.175mm), (HEIDON 14DR)

UV RESISTANCE (%)



168 hours exposed on UV test machine.

SOLVENT RESISTANCE



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

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



UNION CHEMICAL

Global Network



ISO 9001
JQA-1784

Japan: Union Chemical Co., Ltd.
China (Shanghai): Union Chemical (Shanghai) Co., Ltd.
China (Tianjin): Union Chemical (Tianjin) Co., Ltd.
United States: Union Chemical America Inc.
Mexico: Union Chemical Mexico S.A. de C.V.

United Kingdom: Union Chemical UK Limited
Netherlands: Union Chemical Netherlands B.V.
Germany: Union Chemical Deutschland GmbH
Russia: Union Chemical Russia
India: Union Chemical India Pvt. Ltd.

[10, JAN, 2020]