



Thermal Transfer Ribbons

US884

Wax
Resin

Near Edge,
TTO

TTO



US884 is a Premium “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 on to various films, with an excellent high smear/scratch resistance, printing at speeds of up to 30ips.

RIBBON SPECIFICATION

RIBBON

GRADE : WAX/RESIN, NEAR-EDGE/TTO
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 : 75 °C

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.

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, PP, Nylon, Synthetic Paper

APPLICATION



BARCODE

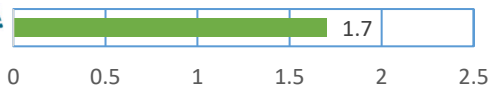


FLEXIBLE PACKAGE

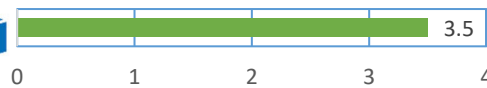


RIBBON PERFORMANCE

IMAGE DENSITY (KONICA MINOLTA FD-5)



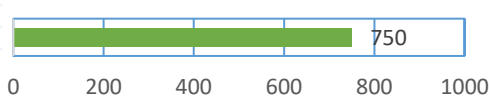
SCRATCH /SMUDGE RESISTANCE (ANSI)



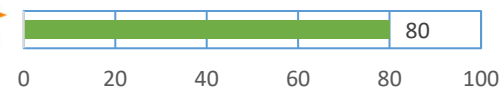
Pressure: 1.96x10⁴ Pa

Stroke Cycle: 3,000 cycles with corrugated paper

PRINT SPEED (mm/sec)

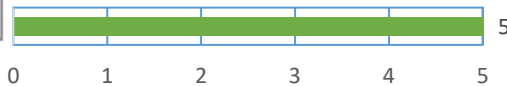


UV RESISTANCE (%)



168 hours exposed on UV test machine.

TRANSFER SENSITIVITY



SOLVENT RESISTANCE



* 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 CHEMICAL Global Network

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.

United Kingdom : Union Chemical UK Limited

Netherlands : Union Chemical Europe B.V.

Germany : Union Chemical Deutschland GmbH

India : Union Chemical India Pvt. Ltd.



ISO 9001
JQA-1784

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