



Thermal Transfer Ribbons

US574

Resin

Near Edge,

TTO



US574 is a "Near Edge / Corner Edge" resin ribbon designed to print on to PP and PE 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 PP and PE films.

RIBBON SPECIFICATION

RIBBON

GRADE : 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 : 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

PP, 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

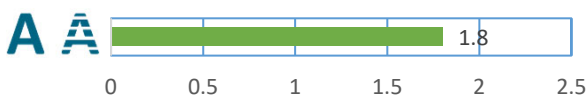


FLEXIBLE PACKING

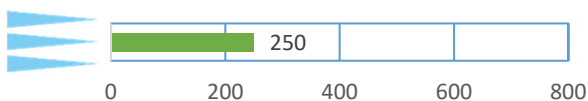


RIBBON PERFORMANCE

IMAGE DENSITY (KONICA MINOLTA FD-5)



PRINT SPEED (mm/sec)



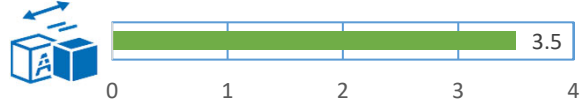
TRANSFER SENSITIVITY



PEELABLE ADHESIVE RESISTANCE

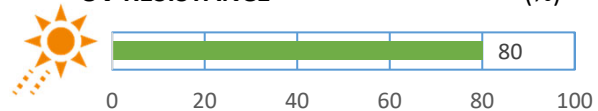


SCRATCH /SMUDGE RESISTANCE (ANSI)



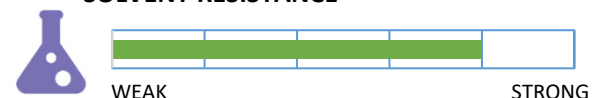
Pressure Load: 300g, Stroke Cycle: 3,000 cycles with Stainless ball (SUS304, φ3.175mm), (HEIDON 14DR)

UV RESISTANCE (%)



168 hours exposed on UV test machine.

SOLVENT RESISTANCE



* The numerical value indicated on this sheet is catalog value, 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.



[26 Jun. 2023]