FTX314

HIGH YIELD RESIN RIBBON

EXTREME HIGH PERFORMANCE THERMAL RIBBONS

POWERED BY FUJICOPIAN

Inventors of TTR Technology

Quality starts with OUR film

FTX314 Near Edge Resin is used for imprinting date, price, lot, and bar codes directly onto flexible packaging. Providing excellent performance in the harshest environments. Engineered for use in high temperature applications including hot fill. **FTX314** provides excellent print darkness and is compatible with a wide range of film applications offering excellent scratch, smear, heat, and chemical resistance. This Resin formulation is coated on a 4.0 micron PET- carrier film. This thinner film technology offers improved productivity through longer length ribbons and reduced printer downtime related to ribbon changeovers. Low transfer energy properties combined with our anti-static back coat allow the user to extend the life of the printhead and reduce maintenance costs.

Applications

- Industrial
- Flexible Packaging
- Food and Beverage
- Healthcare

Benefits

- Outstanding abrasion, heat, and solvent resistance.
- Excellent image density & edge definition ensures quality imprints and exceptional scan rates
- Withstands water and oils associated with food production
- Withstands chemicals- isopropyl alcohol, bleach, and more
- “Drop in” performance…Plug and Play to the OEM ribbon equivalents.
- Heat resistance up to 221°F (105°C)
- Reduce Total Cost of Ownership with 20-25% longer than standard ribbons – less change overs
- Thinner ribbon properties optimize energy use-extending the life of the printhead
- Proprietary back coat reduces static electricity and extends the life of the printhead
- Halogen free











World’s Only Vertically Integrated TTR Manufacturer

INTERNATIONAL MEDIA PRODUCTS

YOUR TTR EXPERTS

Ribbon Specifications

Compatible With:

- Markem 3910
- Videojet Premium
- Armor AXR 600
- Iimak NET330
- DNP R390

Recommended Substrates:

- Synthetics
- PET/Metalized PET
- Polyethylene/LDPE
- Polyolefin
- Polypropylene

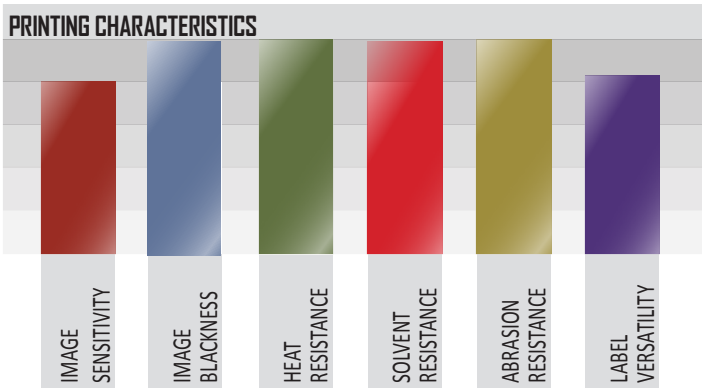
Certifications:

- Heavy metals compliant with EC 95/638
- RoHS/WEEE compliant with EC directives 2002/95 and 2002/96
- REACH compliant with REACH requirements. Does not contain the Substances of Very High Concern (SVHC).
- TSCA/CP65 free from the substances listed in the TSCA and California Proposition 65 lists
- Food contact compliant with the European Directive 1935/2004/EC

Storage Conditions:

- Use within 12 months recommended
- Keep away from UV and direct sunlight
- Temperature 5-35°C (40-95°F)
- Humidity 20-80%

RIBBON PROPERTIES	
TOTAL THICKNESS	6.4 ± 0.5µm
INK THICKNESS	2.0 ± 1.0µm
FILM THICKNESS	4.0µm
ELECTROSTATIC	≤ 0.15 Kv
OPTICAL DENSITY	2.0 D
INK MELT POINT	105°





Halogen Free HF

RoHS COMPLIANT

IMP's Complete Product Line

Premium Wax	Wax/Resin	Resin	Near Edge/TTO
• Z908 General Purpose • Z107+ Premium resin-enhanced	• Z200+ General Purpose • Z201 Premium • Z203 Super Premium	• Z300 Premium • FTX304 Solvent Resistant • FTX306 Ultra Durable • FTX307 Super Solvent Resistant • Z800 Wash Care	• Z212 Wax/Resin • Z213 Premium Wax/Resin • Z214 Premium Wax/Resin- XL • **FTX314 Premium Resin - XL**

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IMU INTERNATIONAL MEDIA PRODUCTS
YOUR TTR EXPERTS

IMP is a leading manufacturer of thermal transfer and hot stamp ribbons. With expertise in extruding PET base film and coating ribbons, IMP stands out as a specialized and vertically integrated producer in this field. This unique capability results in exceptional value in terms of ribbon price and performance, offering high-quality and efficient solutions to meet the diverse needs of businesses across various industries. IMP is committed to delivering top-tier thermal ribbon products worldwide.

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