

FTX307

SUPER SOLVENT RESISTANCE RESIN RIBBON

EXTREME

HIGH PERFORMANCE THERMAL RIBBONS

POWERED BY  **FUJICOPIAN**

Inventors of TTR Technology

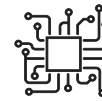
Quality starts with OUR film

FTX307 is a super solvent resistance resin formula. **FTX307** provides resistance to the harshest chemicals such as Toluene, Acetone, Xylene and Methyl Ethyl Ketone, opening up processes and applications to thermal transfer that had not been possible with standard resin technology. **FTX307** eliminates the process of plastic over-laminating in many labeling applications to a one step process and reduces cost. **FTX307** is ideal for high resolution electronic labeling, asset tags and product name plates.

Applications



Industrial



Electronics



Chemicals



Outdoor



Automotive



Medical Device

Benefits

- Eliminates the need for overlaminates in many label applications
- Resistant to the most aggressive chemicals and solvents – Acetone, MEK, Toluene, Xylene, Brake Fluid (Dot 4), Gasoline, Diesel, and Brake Cleaner
- Allows printing of extremely small, crisp and clearly readable characters and barcodes
- Designed with proprietary anti-static and backcoat properties to protect the thermal printhead



BEST CHOICE for **EXTREME ENVIRONMENTS**

World's Only Vertically Integrated TTR Manufacturer



Ribbon Specifications

Compatible Materials:

- Coated Paper
- Synthetic Paper
- Polyester
- Polyolefin
- Polypropylene
- Polyimide
- PVC Cards

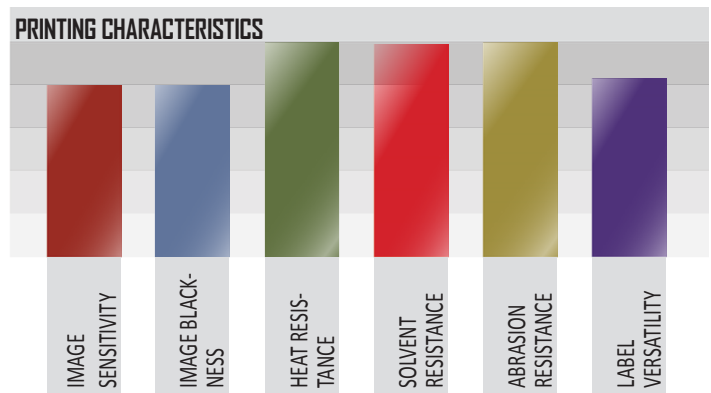
Recommended Substrates:

- FLEXcon P-300-HW MTC410 (White PP)
- 3M 76962 AR MW, PET50 (White PET), 76964 AR MS PET50 (Silver PET), 76959 AR MV PP60 (White PP)
- Hanita Coatings K05077P (White glossy)
- Hueck Folien Hiperprime series.-
- Materials with good compatibility: MADICO DURAFOIL (White and Silver PET)
- FLEXcon THERMfilm CHEMGARD Series (White, Silver and Transparent PET), 3M 7870E (White PET)
- Fasson Transfer PET matt white / silver Top Chem Res (White and silver PET)
- 3M 76717 PP, 3M 7246 PET, 3M 7247 PET,
- Flexcon CHEMGARD®, Nitto DURATAACK PONK Silver Polyolefin and PM80A01 White Polyolefin

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	7.3 ± 0.5µm
INK THICKNESS	1.7 ± 0.2µm
GLOSSINESS	≤ 50 Gs
ELECTROSTATIC	≤ 0.15 Kv
OPTICAL DENSITY	1.7 D
INK MELT POINT	130° C



IMP's Complete Product Line

Premium Wax	Wax/Resin	Resin	Near Edge/TTO
<ul style="list-style-type: none"> • Z908 General Purpose • Z107+ Premium resin-enhanced 	<ul style="list-style-type: none"> • Z200+ General Purpose • Z201 Premium • Z203 Super Premium 	<ul style="list-style-type: none"> • Z300 Premium • FTX304 Solvent Resistant • FTX306 Ultra Durable • FTX307 Super Solvent Resistant • Z800 Wash Care 	<ul style="list-style-type: none"> • Z212 Wax/Resin • Z213 Premium Wax/Resin • Z214 Premium Wax/Resin- XL • FTX314 Premium Resin- XL

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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.