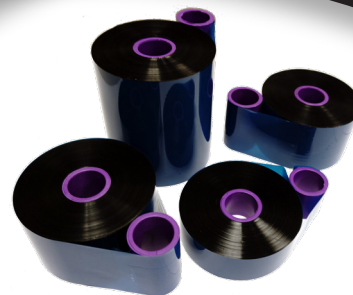


# Z314 PREMIUM NEAR EDGE RESIN

## HIGH YIELD RESIN THERMAL TRANSFER RIBBON



*Quality starts with OUR film*

**Z314** 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. **Z314** 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.

### 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 like 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

### Applications



Industrial  
Printing



Food &  
Beverage



Healthcare



Flexible  
Packaging



**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:

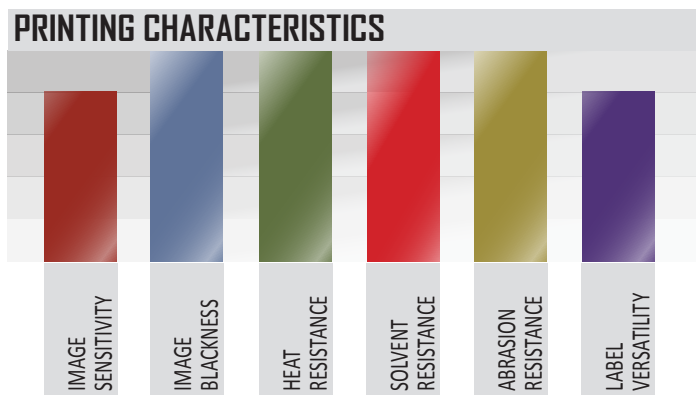
- Use within 12 months recommended
- Keep away from UV and direct sunlight
- Temperature 5-35°C (40-95°F)
- Humidity 20-80%

## IMP's Complete Product Line

Premium Wax	Wax/Resin	Resin	Near Edge
<ul style="list-style-type: none"> <li>• Z908 General Purpose</li> <li>• Z107plus Premium resin-enhanced</li> </ul>	<ul style="list-style-type: none"> <li>• Z200plus General Purpose</li> <li>• Z201 Premium</li> <li>• Z203 Super Premium</li> </ul>	<ul style="list-style-type: none"> <li>• Z300 Premium</li> <li>• Z304 Solvent Resistant</li> <li>• Z800plus Wash Care</li> </ul>	<ul style="list-style-type: none"> <li>• Z212 Wax/resin</li> <li>• Z213 Premium wax/resin</li> <li>• Z214 Premium High Yield</li> <li>• Z314 Resin</li> </ul>

All trademarks and registered trademarks are property of their respective owners.

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



### PROVEN CONSISTENCY AND QUALITY



INTERNATIONAL  
MEDIA PRODUCTS

Established in 2013, IMP is headquartered in Atlanta, Georgia with a western distribution center in Los Angeles. IMP is the world's only vertically integrated manufacturer of thermal transfer and hot stamp ribbons – extruding our own PET base film and coating ribbons. This unique capability allows us to offer the best ribbon price/performance value in today's market.