# Z214W

### WHITE PREMIUM NEAR EDGE **HIGH YIELD WAX/RESIN** THERMAL TRANSFER RIBBON

Z214W High speed, Brilliant White near edge wax/resin is used for imprinting date, price, lot and bar codes directly onto flexible packaging. This Premium wax resin formulation is coated on a 4.0 micron PET- carrier film designed for use on TTO in-line/near edge printers at speeds up to 12 ips. This thinner film technology offers improved productivity through longer and reduced printer downtime related to length ribbons **Z214W** provides an excellent print and is ribbon changeovers. compatible with a wide range of film materials, as well as offering excellent scratch and smear resistance. 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.

### Quality starts with OUR film

### **Applications**





Food & Beverage



Printing



Flexible

Packaging



### **Benefits**

Reduce Total Cost of Ownership

- 20-25% longer than standard ribbons less change overs
- Thinner ribbon properties optimize energy use-extending the life of the printhead
- Approved for FDA Indirect contact with food
- "Drop in" performance...Plug and Play to the OEM ribbon equivalents.
- Excellent image density & edge definition ensures quality imprints and exceptional scan rates
- High-level durability
- High-speed printing up to 12 ips
- Heat resistance up to 212°F (100°C)

### World's Only Vertically Integrated TTR Manufacturer



## **Ribbon Specifications**

### **Compatible With:**

- Videojet
- Markem
- Domino
- Open Date
- Allen Coding
- Norwood
- Lynx

### **Recommended Substrates:**

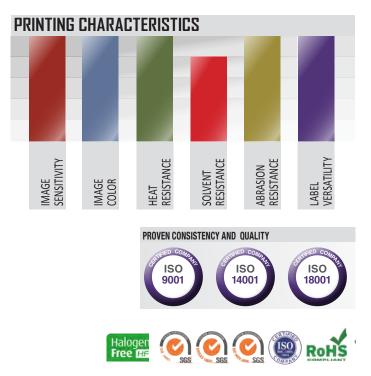
- PET/Metalized PET
- Polyethylene/LDPE
- Polyolefin
- Polypropylene

### 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	7.0 ± 1.0μm	
INK THICKNESS	2.6 ± 0.4µm	
FILM THICKNESS	4.0 μm	
ELECTROSTATIC	≤ 0.15 Kv	
OPTICAL DENSITY	≥ 2.0 D	
INK MELT POINT	78° C	



### IMP's Complete Product Line

Premium Wax	Wax/Resin	Resin	Near Edge
<ul> <li>Z908 General Purpose</li> <li>Z107plus Premium resinenhanced</li> </ul>	<ul><li>Z201 Premium</li><li>Z203 Super Premium</li></ul>	<ul><li>Z300 Premium</li><li>Z304 Solvent Resistant</li><li>Z800 Wash Care</li></ul>	<ul> <li>Z212 Wax/resin</li> <li>Z213 Premium wax/resin</li> <li>Z214 Premium High Yield</li> </ul>

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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.

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