

Premium Wax? General Purpose Wax?

When it comes to wax ribbons, there are a lot of options out there. IMP offers two grades thermal transfer wax ribbons:

- [Z908](#) – General Purpose Wax Ribbon
- [Z107Plus](#) – Premium Resin Enhanced Wax Ribbon



Both ribbons are great ribbons – when used in the proper application. Premium resin enhanced wax thermal transfer ribbons are perfect for high end applications. Compliance labeling, flexible packaging and general barcoding are ideal applications. Premium wax ribbons offer the best all-around performance when considering print quality, image durability, high speed printing capability and wider receiver material latitude.

General Purpose wax ribbons are Ideal for competitively priced applications such as shipping, product identification, distribution, logistics and retail. Still a great ribbon, but a bit less flexible.

Below is a table that highlights some of the primary differences in the ribbons.

	Z908 GP Wax Ribbon	Z107Plus Premium Wax Ribbon
Print Speed	Up to 8 ips	Up to 16 ips
Prints exceptionally well on:		
Coated and uncoated labels & Tags	✓	✓
Vellum Materials	✓	✓
Matte & Semi-gloss materials		✓
Flood coated material		✓
Synthetics including gloss PE		✓
Polybags		✓
Designed for:		
Shipping labels	✓	✓
Product Identification	✓	✓
Logistics labels	✓	✓
Retail labels & tags	✓	✓
Cold Storage film labels		✓
Lumber Tags		✓
Flexible Packaging		✓
Use with High Speed Applicators		✓
Rotated barcodes		✓
Benefits		
Excellent edge density		✓
High-level durability		✓
Drop in replacement	✓	✓
Uses lower printhead energy	✓	✓
High optical density	✓	✓
Prints at a wide range of energy and speed settings	✓	✓

Label Examples

As a general rule of thumb, Z908 general purpose wax is ideal for printing onto non-rotated (picker fence) barcodes, while Z107plus premium wax is better suited for rotated (ladder) barcodes and complex printing formats. To learn more about the differences in rotated and non-rotate barcodes, [click here](#).

The other performance differentiator between these two formulations is **image durability**. For lower level durability requirements, such as shipping and carton labels, Z908 general purpose provides the needed performance. For applications requiring more scratch and smear resistance, such as retail compliance labeling, Z107plus is the recommend choice, due to the higher resin content.

Z908 Recommended Formats



Z107Plus Recommended Formats



Thermal Transfer Printer Compatibility

Z908 and Z107Plus wax ribbons are compatible with the following printers:

- Zebra
- Datamax
- Intermec
- SATO
- Honeywell
- Avery
- TSC
- Printronix

Key Thermal Transfer Applications



What You Need To Know For A Thermal Transfer Ribbon Quote

- What is the **Application**?
- What is the label or tag **material** and how wide is it?
- What kind of **durability** is needed?
- What thermal printer is being used?
- Unsure of any of the above?

Take a picture of the label on the customers current ribbon and send it to info@impzh.com and we will recommend the right ribbon solution

IMP's Complete Product Line

Premium Wax	Wax/Resin	Resin	Near Edge/TTO
<ul style="list-style-type: none">• Z908 General Purpose• Z107PLUS Premium resin-enhanced	<ul style="list-style-type: none">• Z201 Premium• Z203 Super Premium	<ul style="list-style-type: none">• Z300 Premium• Z304 Solvent Resistant• Z800 Wash Care	<ul style="list-style-type: none">• Z212 Wax/resin• Z213 Premium wax/resin• Z214 Premium High Yield

Partner – NOT Supplier

IMP is your partner for innovative thermal transfer ribbons that reduce the Total Cost of Ownership of Thermal Transfer Printing.

[Reach out to us](#) or contact your IMP representative today for pricing, [free ribbon samples](#), or just to strategize on ways we can help you expand your ribbon and label sales.



INTERNATIONAL
MEDIA PRODUCTS
Your TTR Experts

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.