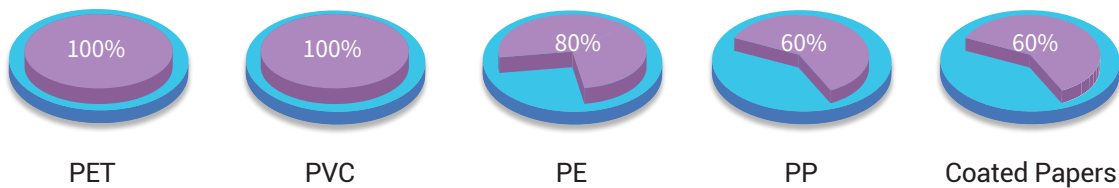


Z300 Premium High Speed Resin

Product features >>

Z300 is a UL-recognized premium resin engineered for flat-head printers operating in high-speed, high-efficiency environments. With a unique ultra-thin base film, Z300 enables printing at up to 10 inches per second while requiring less energy input, helping to extend printhead life and reduce maintenance cycles. It delivers precise, durable prints across a wide range of materials – from coated papers to flexible films.

Recommended substrates >>



Printing characteristics >>

Ink color	Black
Color density	≥1.7 (test on X-Rite tester)
Abrasion resistance	≥60 times (500g weight, test on CS-10 rub tester)
Alcohol resistance	≥50 times (500g weight, 95% ethyl alcohol, test on PET labels)

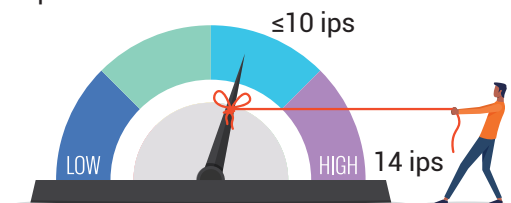
Recommended printing conditions >>

Printer mode



Flat head

Print speed

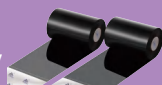


Desktop printers, Industrial printers

※Depending on the type of printer and material of substrates, the printing performance may vary.

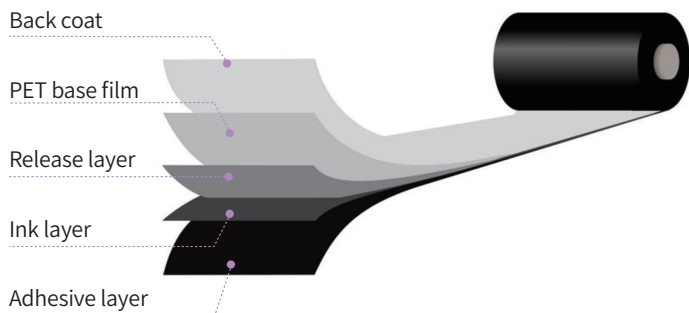


Scan to get a quote directly



Z300 Premium High Speed Resin

Technical specifications >>



Base film	BOPET
Total ribbon thickness (μm)	5.9±0.5
Storage conditions	-5°C~40°C 20%~85% Relative Humidity
Base film thickness (μm)	3.5±0.2
Ink melting point	90°C
Shelf life	1 year

Certified product >>



RoHS 2.0



REACH



ISO9001/14001/45001



MSDS



ISEGA

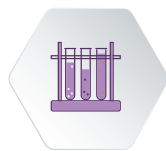


UL



HALOGEN FREE

Application scenario >>



Chemical manufacturing



Tire identification



Car manufacturing



Electronic processing



Medical packaging



Cosmetic label



New Lithium Battery