



ZEBRA

IQ Color 2000D

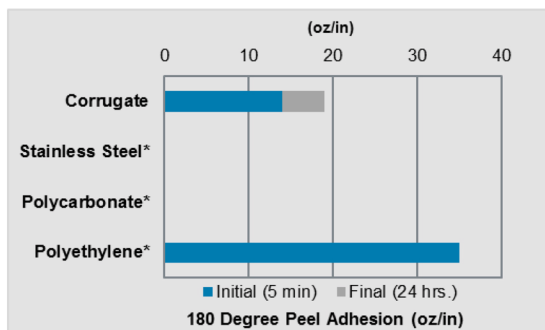
FEATURES

- Direct thermal, paper label with a permanent acrylic adhesive
- Ability to print vibrant color on demand in pre-defined zones to be used as a visual cue
- Offers flexibility over traditional preprinted labels, requiring fewer roll changes for customers using multiple SKUs
- Ideal for more accurate sortation and quicker prioritization
- Limited resistance to moisture and abrasion
- Choose from 8 standard direct thermal colors – Magenta, Red, Orange, Yellow, Green, Cyan, Blue, and Purple (68300RM)

MATERIAL CONSTRUCTION

Component	Description	Caliper
Facestock	White coated direct thermal paper	2.7 mil
Adhesive	High performance, acrylic-based	0.5 mil
Liner	40 lb. semi-bleached, kraft stock	2.5 mil
TOTAL ± 10%		5.7 mil

ADHESIVE STRENGTH



*Attraction between adhesive and surface is so great that the facestock rips.

TEMPERATURE PERFORMANCE

Minimum Application Temperature	Service Temperature	Optimal Storage Conditions
40° F (4° C)	-65° F to 120° F (-54° C to 49° C)	6 mos when stored at 72° F (22° C) at 50% RH

EXPECTED EXTERIOR LIFE

Not recommended for outdoor use

CHEMICAL RESISTANCE

Chemical		Direct Thermal
Weak	Blood	NR
	Body Fluid	NR
	Salt Water	NR
	Water	NR
	Window Cleaner	NR
Moderate	Alcohol	NR
	Ammonia	NR
	Bleach	NR
	IPA	NR
Harsh	Gasoline	NR
	Grease	NR
	Oil	NR
Extreme	Acetone	NR
	IR Reflow	NR
	MEK	NR
	TCE	NR
	Xylene	NR

● Recommended ● Test in Your Application NR Not Recommended

SUGGESTED APPLICATIONS

- Hospitals — Laboratory, Pharmacy, Specimen Collection



- Work in Process



- Retail — Price Markdown



- Customers currently using an ink jet or laser color solution for labeling



All products should be pre-tested to ensure it meets all intended requirements of specific end-use applications.

Product Performance and Suitability: The information contained in this document is to be used for guidance only and is not intended for use in setting specifications. All purchasers of Zebra products shall be solely responsible for independently determining if the product conforms to all requirements of their unique application.

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LIFESPAN OF IQ COLOR INKS

IQ Color Ink	Lifespan (months) for typical office and warehouse conditions (direct lighting)	Lifespan (months) for typical office filing conditions (no light exposure)
Yellow	1	12
Green	1	12
Red	3	12
Orange	3	12
Cyan	6	12
Magenta	6	12
Blue	6	12
Purple	6	12
Black	6	12

RECOMMENDED PRINT SPEEDS

Normal (picket-fence) codes -- 6 ips maximum

Rotated (ladder) codes -- 3 ips maximum

BAR CODE DENSITY

Minimum 10 mil narrow bar normal codes (2 dot code at 203 dpi)

Minimum 15 mil narrow bar rotated codes (3 dot code at 203 dpi)

PRINTHEAD CLEANING

Zebra recommends cleaning with an alcohol swab after each roll of media is printed.



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