



ZEBRA

# IQ Color 2000D Opaque

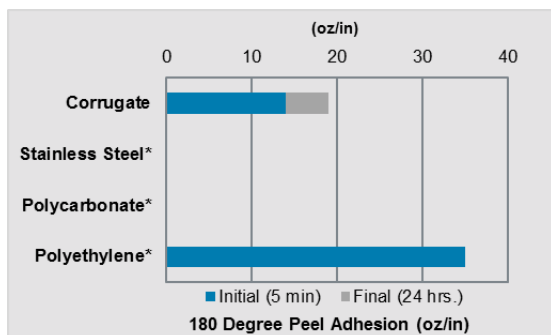
## FEATURES

- Direct thermal, opaque 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
- Limited resistance to moisture and abrasion
- Choose from 8 standard direct thermal colors – Magenta, Red, Orange, Yellow, Green, Cyan, Blue, and Purple (10017732RM)

## MATERIAL CONSTRUCTION

| Component   | Description                              | Caliper |
|-------------|------------------------------------------|---------|
| Facestock   | White coated opaque direct thermal paper | 2.8 mil |
| Adhesive    | High performance, acrylic-based          | 0.8 mil |
| Liner       | 40 lb. semi-bleached, kraft stock        | 2.5 mil |
| TOTAL ± 10% |                                          | 6.1 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<br>(-54° C to 49° C) | 72° F (22° C)<br>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

- Retail — Price Markdowns requiring a “cover-up” label



- 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.

For more information, visit [www.zebra.com/supplies](http://www.zebra.com/supplies)

**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)<br>for typical<br>office and warehouse<br>conditions<br>(direct lighting) | Lifespan (months)<br>for typical<br>office <u>filing</u> conditions<br>(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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