



Specification Sheet

8000D Near IR

Features:

- Direct thermal paper label with a permanent acrylic adhesive
- Excellent print quality
- Near IR facestock offers extended durability when compared to standard direct thermal media.
- Media is scannable in both visible and near-IR wavelengths
- Meets FDA 175.105 for indirect food contact applications
- Available in white (05846RM)

Suggested Applications:

- Product Labeling
- Shelf Labeling
- Work-in-process Labeling
- Shipping Labeling

Material Construction:

| | Description | Caliper |
|-----------|-----------------------------------|-----------------|
| Facestock | White smooth topcoated paper tag | 3.2 mil |
| Adhesive | All-temp, acrylic-based | 0.8 mil |
| Liner | 40 lb. semi-bleached, kraft stock | 2.3 mil |
| Total | | 6.3 mil +/- 10% |

Temperature Performance:

- Minimum Application Temperature: -20° F (-29° C)
- Service Temperature: -65° F to 140° F (-54° C to 60° C)
- Storage Conditions: 32° F to 70° F (0° C to 21° C) at 35% to 50% RH
- Expected Exterior Life: Not recommended for outdoor use



Applications with Chemicals

| | Weak | | | | | Moderate | | | | Harsh | | | Extreme | | | | |
|-----------|-------|------------|------------|-------|----------------|----------|---------|--------|-----|----------|--------|-----|---------|-----------|-----|-----|--------|
| | Blood | Body Fluid | Salt Water | Water | Window Cleaner | Alcohol | Ammonia | Bleach | IPA | Gasoline | Grease | Oil | Acetone | IR Reflow | MEK | TCE | Xylene |
| DT | | | X | X | X | | | | | | | | | | | | |

X Indicates acceptable chemical resistance

| Steel | | Polycarbonate | | Polyethylene | |
|-------|-------|---------------|-------|--------------|-------|
| 5 min | 24 hr | 5 min | 24 hr | 5 min | 24 hr |
| 35 | * | * | * | * | * |

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

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.

