



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





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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.

