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Specification Sheet

Z-Select 4000D

Features:

- Direct thermal, premium, ultra smooth, paper label with an all-temp permanent acrylic adhesive
- Excellent print quality
- Meets FDA 175.105 for indirect food contact requirements
- Available in white (05176RM)

Suggested Applications:

- Labeling of packaging material including corrugate, plastic, glass, and metal
- Box labeling
- Compliance labeling
- Food labeling
- Direct labeling of IV bags
- Labeling of laboratory specimen containers
- Cold-temp applications
- Work in process labeling

Material Construction:

	Description	Caliper
Facestock	White smooth topcoated paper	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

DT	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												

180° Peel Room Temperature Peel Adhesion (oz/in):

<i>Corrugate</i>		<i>Steel</i>		<i>Polycarbonate</i>		<i>Polyethylene</i>	
5 min	24 hr	5 min	24 hr	5 min	24 hr	5 min	24 hr
14	21	*	*	31	59	26	37

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

NOTE: For guidance only, not to be used for setting specifications

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.