



# Specification Sheet

## PolyPro 4000D

### Features:

- Direct thermal, matte polypropylene label with an all-temp acrylic adhesive
- Good smear/scratch resistance
- Not to be used with chemicals
- Available in white (65843RM)
- This material is suitable for fanfolding

### Suggested Applications:

- Indoor, general purpose labeling
- Houseware goods labeling
- Cold storage labeling
- Provides good resistance to common industrial cleaning solutions
- Labeling of most packaging materials and plastic substrates

### Material Construction:

	Description	Caliper
Facestock	White matte topcoated polypropylene	2.8 mil
Adhesive	All-temperature, acrylic-based	0.8 mil
Liner	40 lb. semi-bleached, kraft stock	2.5 mil
<b>Total</b>		6.1 mil +/- 10%

### Temperature Performance:

- Minimum Application Temperature: -40° F (-40° C)
- Service Temperature: -65° F to 131° F (-54° C to 55° 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												

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

Corrugate		Steel		Polycarbonate		Polyethylene	
5 min	24 hr	5 min	24 hr	5 min	24 hr	5 min	24 hr
17	18	49	*	57	*	26	46

\*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.

