



**ZEBRA**

# PolyO 3000T

## FEATURES

- Thermal transfer, semi-rigid corona-treated polyolefin label with an all-temp permanent acrylic adhesive that provides high initial tack and cold-temperature properties
- Some smear/scratch and chemical resistance
- Very good resistance to oil, alcohol, dirt, blood, and water
- Excellent conformability to tight diameters
- Meets FDA 175.105 for indirect food contact requirements.
- Available in white (05439RM)

## MATERIAL CONSTRUCTION

| Component          | Description                     | Caliper        |
|--------------------|---------------------------------|----------------|
| Facestock          | White corona treated polyolefin | 3.0 mil        |
| Adhesive           | Permanent, acrylic-based        | 0.9 mil        |
| Liner              | 50# semi-bleached kraft stock   | 3.2 mil        |
| <b>TOTAL ± 10%</b> |                                 | <b>7.1 mil</b> |

## TEMPERATURE PERFORMANCE

| Minimum Application Temperature | Service Temperature                   | Optimal Storage Conditions |
|---------------------------------|---------------------------------------|----------------------------|
| 25 °F (-4°C)                    | -40° F to 200° F<br>(-40° C to 93° C) | 72° F (22° C)<br>at 50% RH |

### Expected Exterior Life

2 years

## CHEMICAL RESISTANCE

|          |                | Suggested Ribbons |      |      |
|----------|----------------|-------------------|------|------|
| Chemical |                | 6100              | 3200 | 6200 |
| Weak     | Blood          | ●                 | ●    | ●    |
|          | Body Fluid     | ●                 | ●    | ●    |
|          | Salt Water     | ●                 | ●    | ●    |
|          | Water          | ●                 | ●    | ●    |
|          | Window Cleaner | ●                 | ●    | ●    |
| Moderate | Alcohol        | ●                 | ●    | ●    |
|          | Ammonia        | ●                 | ●    | ●    |
|          | Bleach         | ●                 | ●    | ●    |
|          | IPA            | ●                 | ●    | ●    |
| Harsh    | Gasoline       | NR                | NR   | NR   |
|          | Grease         | NR                | NR   | NR   |
|          | Oil            | NR                | NR   | NR   |
| Extreme  | Acetone        | NR                | NR   | NR   |
|          | IR Reflow      | NR                | NR   | NR   |
|          | MEK            | NR                | NR   | NR   |
|          | TCE            | NR                | NR   | NR   |
|          | Xylene         | NR                | NR   | NR   |

● Recommended ● Test in Your Application NR Not Recommended

## SUGGESTED APPLICATIONS

- Package Labeling including corrugate, plastic, and metal



- Test tube labeling



- Indirect food labeling



All products should be pre-tested to ensure it meets all intended requirements of specific end-use applications.

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NA and Corporate Headquarters | +1 800 423 0442 | [inquiry4@zebra.com](mailto:inquiry4@zebra.com)

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