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Specification Sheet Z-Ultimate 2000T

Features:

- Thermal transfer, gloss polyester label with a high-performance permanent acrylic adhesive
- Unparalleled smear/scratch resistance
- Excellent durability and chemical resistance
- Topcoating is suitable for fanfolding
- Available in white (68130RM)

Suggested Applications:

- UL compliance product labeling
- Top-side PCB labeling
- Asset labeling
- Automotive labeling
- Serial plate labeling

Material Construction:

| | Description | | Caliper |
|-----------|-----------------------------------|-------|-----------------|
| Facestock | White coated polyester | | 2.0 mil |
| Adhesive | Permanent, acrylic-based | | 0.8 mil |
| Liner | 50 lb. semi-bleached, kraft stock | | 3.0 mil |
| | | Total | 5.8 mil +/- 10% |

Temperature Performance:

- Minimum Application Temperature:
- Service Temperature:
- Storage Conditions:
- Expected Exterior Life

50° F (10° C) -40° F to 302° F (-40° C to 150° C) 32° F to 70° F (0° C to 21° C) at 35% to 50% RH 3 years

Suggested Ribbons for 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 |
| 5095 | Х | Х | Х | Х | Х | | Х | Х | Х | | Х | | | | | | |
| 5100 | Х | Х | Х | Х | Х | Х | Х | Х | Х | | Х | | | | | | |

UL Acceptances:

Z-Ultimate 2000T White with 5095 and 5100 ribbons is UL-recognized for indoor use.

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

| Stainle | ss Steel | Polyca | arbonate | Polyethylene | | | |
|---------|----------|--------|----------|--------------|-------|--|--|
| 5 min | 24 hr | 5 min | 24 hr | 5 min | 24 hr | | |
| 27 | 30 | 38 | 48 | 15 | 16 | | |

Facestock Tensile Strength:

- Machine direction: 18,000 psi
- Transverse direction: 22,000 psi

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.