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DNP W127 Standard Wax Product Data Sheet

Ribbon cera

W127 changes the standard for thermal transfer printing. It offers more ribbon per roll than previously available in the market. The base film properties allow for at least 15% more W127 wound onto a roll - while conforming to the OEM printer specification for ribbon diameters. W127 Standard Wax is designed with anti-static and backcoat properties for printhead protection and improved performance for RFID applications.

Product description

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Raccomandati Substrates

Coated/uncoated paper, synthetic paper, polyethylene, polypropylene, polyolefin, Kimdura, Valeron, Polyart

Performance Characteristics

- 15% more ribbon per roll
- Ideal for high speed and/or high volume opportunities
- Increased sensitivity
- Clean, durable, and dense image transfer
- Perfect for wax thermal transfer application

Ribbon specification

- | | |
|-----------------------|----------------------|
| • Ink | Wax |
| • Color | Black |
| • Ink thickness | 2.7 +/- 0.75 micron |
| • Base film thickness | 4.0 micron |
| • Ribbon thickness | 7.06 +/- 0.79 micron |
| • Ink melting point | 68°C-70°C |
| • Print density | > 1.7 |

Performance of printed image

- | | |
|-----------------------------|---------------------------------------|
| • Tested substrates | Fasson Trans-Therm 1C |
| • Test Method | Atlas CM-5 crockmeter |
| • Abrasion resistance test | 15 cycles @ 900g covered with cloth |
| • Solvent resistance test : | : |
| • Water | 1000 cycles @ 248g covered with cloth |
| • IPA | 1000 cycles @ 248g covered with cloth |
| • Brake fluid | 30 cycles @ 248g covered with cloth |
| • Heat resistance | < 70 °C |
| • Print speed | 2 to 12 Ips |

Ribbon storage condition

- | | |
|---------------|------------------------------|
| • Temperature | 5 °C to 35 °C |
| • Humidity | 10% to 85% relative humidity |
| • Light | Avoid direct sunlight |

All information on datasheet generated at DNP laboratories worldwide. DNP reserves the right that measured values may vary slightly when tested under different environments. Information subject to revision without notification.