140PSS-1
Direct Thermal Paper

Description: 140PSS-1 is a cost-effective, medium sensitivity direct thermal label stock with excellent barcode scannability for today’s high speed applications.

Key Features: Medium sensitivity; excellent barcode scannability; excellent imaging result with high-speed printing; high cost-effective.

Applications: Shipping labels, distribution/inventory, and parts ID/inventory.

Facestock Properties:
- **Basis Weight**: 41.8 ± 4.9 lbs, 68±8 g/m²
- **Caliper**: 3.0 ± 0.3 mil, 76 ± 8.0 µm
- **Image Color**: Black
- **Image Density**: 1.05 Min (ODU)
- **Tear Strength**: 30.0 gf Min (MD), 35.0 gf Min (CD)
- **Tensile Strength**: 5.4 kgf/15mm (MD), 2.7 kgf/15mm (CD)
- **Stiffness**: 3.0 g-cm (MD), 2.5 g-cm (CD)
- **Initial Activation Temp**: 103°F, 39.4°C
- **Effective Activation Temp**: 134°F, 56.7°C

Preservation Properties:
- **Oil Resistance**: 0.80 Max (Image), 0.20 Max (Background)
- **Moisture Resistance**: 0.50 Max (Image), 0.20 Max (Background)
- **Heat Resistance**: 0.80 Max (Image), 0.20 Max (Background)
- **Light Resistance**: 0.80 Max (Image), 0.15 Max (Background)