



022TD0074740SC

Item #: S7552960

HI SENSITIVITY DIR THERM/747 PERMANENT ADHESIVE/40 SC LINER

Approximate weight per MMSI: 240 lbs. Standard core size is 3 inches. Total caliper: 6.1 mils +/- 10%

FACESTOCK

A 54# (79 g/m²) top coated direct thermal coated paper for more demanding applications and higher imaging speeds.

| Test Property | Units | Typical Value | Metric Units | Metric Value | Test Method |
|-----------------------------|---------------|---------------|-----------------|--------------|-------------|
| Basis Weight | lbs/25X38-500 | 52.8 | grams/sq meter | 78.1 | TAPPI T410 |
| Caliper - Average | mil | 3.0 | um (micrometer) | 76.2 | TAPPI T411 |
| Smoothness (PPS) Print Side | um | .9 | um | .9 | TAPPI T555 |
| Tear-MD | grams | 43 | mN | 421.7 | TAPPI T414 |
| Stiffness-MD | Gurley (mg) | 90 | mN | .9 | TAPPI T543 |
| Stiffness-CD | Gurley (mg) | 45 | mN | .4 | TAPPI T543 |
| Brightness | % | 84 | % | 84.0 | TAPPI T452 |
| Initial Activation Temp | F | 169 | C | 76 | ISO 1924 |
| Effective Activation Temp | F | 187 | C | 86 | ISO 1924 |
| Optimum Activation Temp | F | 244 | C | 118 | ISO 1924 |

Notes

<http://gbp.com/coated-direct-thermal-ink-recommendations>

ADHESIVE

A general purpose, tackified acrylic permanent that displays excellent adhesion over a broad temperature range while providing aggressive performance. Perfect for wine labeling, as it can be used in moist environments. Withstands ice bucket conditions.

| Test Property | Units | Typical Value | Metric Units | Metric Value | Test Method |
|------------------------|------------|---------------|----------------|--------------|-------------|
| Caliper - Calculated | mils | 0.7 | um(micrometer) | 17.3 | |
| Shear (1 x 1/2 x 1 kg) | hours | 15 | hours | 15.0 | CPD-55 |
| Peel - 180 D SS 20 min | lb/inch | 3.3 | grams/25 mm | 1473.3 | CPD-52 |
| Loop Tack Stain Steel | oz/sq inch | 53 | kg/645 sq mm | 1.5 | CPD-16 |
| Loop Tack Glass | oz/sq inch | 60 | kg/645 sq mm | 1.7 | CPD-16 |
| Min. App. Temp. | F | 0 | C | -18 | |
| Service Temp. | F | -65 TO 200 | C | -54 TO 93 | |
| FDA Compliance | 21 CFR | 175.105 | | | |

LINER

A white densified kraft sheet 41# (67 g/m²) with excellent point-to-point caliper control.

| Test Property | Units | Typical Value | Metric Units | Metric Value | Test Method |
|-------------------|---------------|---------------|-----------------|--------------|-------------|
| Basis Weight | lbs/24X36-500 | 41 | grams/sq meter | 66.8 | TAPPI T410 |
| Caliper - Average | mil | 2.4 | um (micrometer) | 61.0 | TAPPI T411 |
| Opacity | % | 60 | % | 60.0 | TAPPI T425 |
| Tear-MD | grams | 34 | mN | 333.4 | TAPPI T414 |
| Tear-CD | grams | 39 | mN | 382.5 | TAPPI T414 |
| Tensile-MD | lb/inch | 40 | kN/m | 7.0 | TAPPI T494 |
| Tensile-CD | lb/inch | 17 | kN/m | 3.0 | TAPPI T494 |

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