



**021FT0074740SC**

**Item #: S7559860**

RED FLUORSCNT DIR THERM/747 PERMANENT ADHESIVE/40 SC LINER

Approximate weight per MMSI: 233 lbs. Standard core size is 3 inches. Total caliper: 6.1 mils +/- 10%

**FACESTOCK**

A 53# (79 g/m<sup>2</sup>) domestic thermal coated paper. Intended for promotional point-of-purchase or color code warehouse tracking.

| Test Property             | Units         | Typical Value | Metric Units    | Metric Value | Test Method |
|---------------------------|---------------|---------------|-----------------|--------------|-------------|
| Basis Weight              | lbs/25X38-500 | 53.7          | grams/sq meter  | 79.5         | TAPPI T410  |
| Caliper - Average         | mil           | 3.1           | um (micrometer) | 78.7         | TAPPI T411  |
| Tear-MD                   | grams         | 42            | mN              | 411.9        | TAPPI T414  |
| Tear-CD                   | grams         | 48            | mN              | 470.7        | TAPPI T414  |
| Tensile-MD                | lb/inch       | 32            | kN/m            | 5.6          | TAPPI T494  |
| Tensile-CD                | lb/inch       | 16            | kN/m            | 2.8          | TAPPI T494  |
| Stiffness-MD              | Gurley (mg)   | 100           | mN              | 1.0          | TAPPI T543  |
| Stiffness-CD              | Gurley (mg)   | 56            | mN              | .5           | TAPPI T543  |
| Effective Activation Temp | F             | 176           | C               | 80           | ISO 1924    |
| Optimum Activation Temp   | F             | 245           | C               | 118.3        | 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       | 0.6           | um(micrometer) | 15.8         |             |
| 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      |
| Peel - 180 D HDPE 20 min       | lb/inch    | 1.8           | grams/25 mm    | 803.6        | CPD-52      |
| Peel - 180 D LDPE 20 min       | lb/inch    | 1.9           | grams/25 mm    | 848.3        | CPD-52      |
| Peel - 180 D Glass 20 min      | lb/inch    | 3.3           | grams/25 mm    | 1473.3       | CPD-52      |
| Peel - 180 D Corrugated 20 min | lb/inch    | 1.5           | grams/25 mm    | 669.7        | CPD-52      |
| Loop Tack Stain Steel          | oz/sq inch | 53            | kg/645 sq mm   | 1.5          | CPD-16      |
| Loop Tack HDPE                 | oz/sq inch | 43            | kg/645 sq mm   | 1.2          | CPD-16      |
| Loop Tack LDPE                 | oz/sq inch | 28            | kg/645 sq mm   | .8           | CPD-16      |
| Loop Tack Corrugated           | oz/sq inch | 15            | kg/645 sq mm   | .4           | 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       |                |              |             |

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**LINER**

A white densified kraft sheet 41# (67 g/m<sup>2</sup>) 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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