



**1HOPS0074740SC**

**Item #: S8879260**

WS HOPS PAPER/747 PERMANENT ADHESIVE/40 SC LINER

Approximate weight per MMSI: 252 lbs. Standard core size is 3 inches. Total caliper: 8.3 mils +/- 10%

**FACESTOCK**

60# (89 g/m<sup>2</sup>) paper made with whole hops flowers. The hops add a one-of-a-kind look and texture to this facer. Contains 30% post-consumer waste for eco-friendly credentials. It has wet strength properties. This is beer paper for beer labeling.

| Test Property     | Units         | Typical Value | Metric Units    | Metric Value | Test Method    |
|-------------------|---------------|---------------|-----------------|--------------|----------------|
| Basis Weight      | lbs/25X38-500 | 60.0          | grams/sq meter  | 88.8         | TAPPI T410     |
| Caliper - Average | mil           | 5.2           | um (micrometer) | 132.1        | TAPPI T411     |
| Moisture          | %             | 5.0           | %               | 5.0          | TAPPI T412     |
| Tear-MD           | grams         | 140           | mN              | 1372.9       | TAPPI T414     |
| Wet Tear-CD       | grams         | 80            | mN              | 784.5        | TAPPI T491/414 |
| Tear-CD           | grams         | 140           | mN              | 1372.9       | TAPPI T414     |
| Wet Tensile-MD    | lb/inch       | 20            | kN/m            | 3.5          | TAPPI T491/404 |
| Tensile-MD        | lb/inch       | 40            | kN/m            | 7.0          | TAPPI T494     |
| Wet Tensile-CD    | lb/inch       | 5             | kN/m            | .9           | TAPPI T491/404 |
| Tensile-CD        | lb/inch       | 20            | kN/m            | 3.5          | TAPPI T494     |

**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) | 18.7         |             |
| 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/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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