



**D55SG072040SC**

**Item #: S8142452**

55# DIGITAL SEMI GLOSS/720 ALL TEMP ADHESIVE/40 SC LINER

Approximate weight per MMSI: 237 lbs. Standard core size is 3 inches. Total caliper: 6 mils +/- 10%

**FACESTOCK**

55# (81 g/m<sup>2</sup>) semi-gloss sheet designed for printing on HP Indigo presses. It has been certified by RIT for use on the ws4500 and ws6000 presses. Has a blue-white shade with high brightness and opacity. Exceptionally strong.

| Test Property     | Units         | Typical Value | Metric Units    | Metric Value | Test Method |
|-------------------|---------------|---------------|-----------------|--------------|-------------|
| Basis Weight      | lbs/25X38-500 | 55            | grams/sq meter  | 81.4         | TAPPI T410  |
| Caliper - Average | mil           | 3.0           | um (micrometer) | 76.2         | TAPPI T411  |
| Gloss             | %             | 70            | %               | 70.0         | TAPPI T480  |
| Moisture          | %             | 4.5           | %               | 4.5          | TAPPI T412  |
| Opacity           | %             | 88            | %               | 88.0         | TAPPI T425  |
| Porosity          | sec/100 ml    | 1500          | sec/100 ml      | 1500.0       | TAPPI T536  |
| Tensile-CD        | lb/inch       | 17            | kN/m            | 3.0          | TAPPI T494  |
| Brightness        | %             | 87            | %               | 87.0         | TAPPI T452  |

**ADHESIVE**

A non-tackified cold-temperature acrylic adhesive. Adheres to a wide variety of packaging materials. Can be used in a wide range of temperatures. Consider for general purpose labeling.

| Test Property                  | Units      | Typical Value | Metric Units   | Metric Value | Test Method |
|--------------------------------|------------|---------------|----------------|--------------|-------------|
| Caliper - Calculated           | mils       | 0.6           | um(micrometer) | 16.3         |             |
| Shear (1 x 1/2 x 1 kg)         | hours      | .2            | hours          | .2           | CPD-55      |
| Peel - 180 D SS 20 min         | lb/inch    | 1.5           | grams/25 mm    | 669.7        | CPD-52      |
| Peel - 180 D HDPE 20 min       | lb/inch    | 1.0           | grams/25 mm    | 446.5        | CPD-52      |
| Peel - 180 D LDPE 20 min       | lb/inch    | 1.1           | grams/25 mm    | 491.1        | CPD-52      |
| Peel - 180 D Glass 20 min      | lb/inch    | 1.7           | grams/25 mm    | 759.0        | CPD-52      |
| Peel - 180 D Corrugated 20 min | lb/inch    | .6            | grams/25 mm    | 267.9        | CPD-52      |
| Min. Applic. Temp.             | F          | -20           | C              | -29          |             |
| Loop Tack Stain Steel          | oz/sq inch | 44            | kg/645 sq mm   | 1.2          | CPD-16      |
| Loop Tack HDPE                 | oz/sq inch | 35            | kg/645 sq mm   | 1.0          | CPD-16      |
| Loop Tack LDPE                 | oz/sq inch | 29            | kg/645 sq mm   | .8           | CPD-16      |
| Loop Tack Corrugated           | oz/sq inch | 14            | kg/645 sq mm   | .4           | CPD-16      |
| Service Temp.                  | F          | -65 TO 180    | C              | -54 TO 82    |             |
| 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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