



# PRODUCT INFORMATION

**021RX0050840SC**

**Item #: S9174760**

3.0 MIL PHARMACY DT FSC/508 PERMANENT ADHESIVE/40 SC LINER

Approximate weight per MMSI: 229 lbs. Standard core size is 3 inches. Total caliper: 6.15 mils +/- 10%

### FACESTOCK

This 48# (71 g/m<sup>2</sup>), phenol-free, top-coated paper resists chemicals, including cleaners, hand sanitizers and lotions. Holds up in heat and humidity. Vital drug information remains legible under most handling and storage conditions. FSC®-certified paper.

| Test Property               | Units                         | Typical Value | Metric Units    | Metric Value | Test Method |
|-----------------------------|-------------------------------|---------------|-----------------|--------------|-------------|
| Basis Weight                | lbs/25X38-500<br>(3300 Sq Ft) | 48.0          | grams/sq meter  | 71.0         | TAPPI T410  |
| Caliper - Average           | mil                           | 3.050         | um (micrometer) | 77.5         | TAPPI T411  |
| Smoothness (PPS) Print Side | um                            | 1.2           | um              | 1.2          | TAPPI T555  |
| Tear-MD                     | grams                         | 43            | mN              | 421.7        | TAPPI T414  |
| Tear-CD                     | grams                         | 44.0          | mN              | 431.5        | TAPPI T414  |
| Tensile-MD                  | lb/inch                       | 32.0          | kN/m            | 5.6          | TAPPI T494  |
| Tensile-CD                  | lb/inch                       | 16.0          | kN/m            | 2.8          | TAPPI T494  |
| Brightness                  | %                             | 90.0          | %               | 90.0         | TAPPI T452  |
| Initial Activation Temp     | F                             | 201           | C               | 94           | ISO 1924    |
| Effective Activation Temp   | F                             | 226           | C               | 108          | ISO 1924    |
| Optimum Activation Temp     | F                             | 300           | C               | 149          | ISO 1924    |

### ADHESIVE

A hard, acrylic adhesive. Useful for prime label pharmaceutical (pill bottles). Good for curved surfaces greater than 1/2" diameter requiring mandrel hold. Offers some reposition time on low-energy plastics. Glove friendly.

| 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      | 0.6+          | hours          | .6           | CPD-55      |
| Peel - 180 D SS 20 min         | lb/inch    | 2.4           | grams/25 mm    | 1071.5       | CPD-52      |
| Peel - 180 D HDPE 20 min       | lb/inch    | .80           | grams/25 mm    | 357.2        | 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    | 2.2           | grams/25 mm    | 982.2        | CPD-52      |
| Peel - 180 D Corrugated 20 min | lb/inch    | 1.3           | grams/25 mm    | 580.4        | CPD-52      |
| Loop Tack Stain Steel          | oz/sq inch | 41            | kg/645 sq mm   | 1.1          | CPD-16      |
| Loop Tack HDPE                 | oz/sq inch | 22            | kg/645 sq mm   | .6           | CPD-16      |
| Loop Tack LDPE                 | oz/sq inch | 16            | kg/645 sq mm   | .4           | CPD-16      |
| Loop Tack Corrugated           | oz/sq inch | 14            | kg/645 sq mm   | .4           | CPD-16      |
| Loop Tack Glass                | oz/sq inch | 45            | kg/645 sq mm   | 1.3          | CPD-16      |
| Min. App. Temp.                | F          | 45            | C              | 7            |             |
| Service Temp.                  | F          | -65 TO 200    | C              | -54 TO 93    |             |
| FDA Compliance                 | 21 CFR     | 175.105       |                |              |             |

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## PRODUCT INFORMATION

### 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<br>(3000 Sq Ft) | 41.0          | grams/sq meter  | 66.8         | TAPPI T410  |
| Caliper - Average | mil                           | 2.400         | um (micrometer) | 61.0         | TAPPI T411  |
| Opacity           | %                             | 60.0          | %               | 60.0         | TAPPI T425  |
| Tear-MD           | grams                         | 34.0          | mN              | 333.4        | TAPPI T414  |
| Tear-CD           | grams                         | 39.0          | mN              | 382.5        | TAPPI T414  |
| Tensile-MD        | lb/inch                       | 40.0          | kN/m            | 7.0          | TAPPI T494  |
| Tensile-CD        | lb/inch                       | 17.1          | kN/m            | 3.0          | TAPPI T494  |

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