



**25PSW0050640SC**

**Item #: S8263960**

2.5 MIL WHI POLYSTYRENE/506 PERMANENT ADHESIVE/40 SC LINER

Approximate weight per MMSI: 229 lbs. Standard core size is 3 inches. Total caliper: 5.6 mils +/- 10%

**FACESTOCK**

A 2.5 mil corona treated white polystyrene. Stiffness allows easy converting and dispensing.

| Test Property            | Units          | Typical Value | Metric Units     | Metric Value | Test Method |
|--------------------------|----------------|---------------|------------------|--------------|-------------|
| Basis Weight             | lbs/25X38-500  | 51.4          | grams/sq meter   | 76.1         | TAPPI T410  |
| Caliper Average (Films)  | mils           | 2.5           | um (micrometers) | 63.5         | ASTM D374   |
| Gloss                    | % @ 60 degrees | 45            | % @ 60 degrees   | 45.0         | ASTM D523   |
| Tensile Film - MD        | lb/sq inch     | 6400          | kg/sq cm         | 449.9        | ASTM D882   |
| Tensile Film - TD        | lb/sq inch     | 6400          | kg/sq cm         | 449.9        | ASTM D882   |
| Elongation at Break - MD | %              | 65            | %                | 65.0         | ASTM D882   |
| Elongation at Break - TD | %              | 65            | %                | 65.0         | ASTM D882   |
| Area Yield               | sq in/lb       | 9250          | sq m/kg          | 13.2         | ASTM E252   |

**ADHESIVE**

A general purpose acrylic emulsion with good UV stability. Non-yellowing and generally used with film-type face stocks.

| 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      | 24            | hours          | 24.0         | 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    | 0.80          | 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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**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  |
| Gloss             | % @ 75 degrees | 57            | % @ 75 degrees  | 57.0         | TAPPI T480  |
| Opacity           | %              | 60            | %               | 60.0         | TAPPI T425  |
| Tear-MD           | grams          | 35            | mN              | 343.2        | 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  |
| Brightness        | %              | 76            | %               |              | TAPPI T452  |

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