



# PRODUCT INFORMATION

**020CL0096040SC**

**Item #: S9221160**

2.0 MIL TC CLEAR BOPP/GP FILM ADHESIVE/40 SC LINER

Approximate weight per MMSI: 187 lbs. Standard core size is 3 inches. Total caliper: 5.1 mils +/- 10%

### FACESTOCK

2.0 mil clear top-coated BOPP offers excellent print results with water-based and UV flexo ink systems, and hot stamping. Ultra clear for a no-label look. Perfect for health and beauty aid, household care, pharmaceutical, and beverage labeling.

| Test Property           | Units          | Typical Value | Metric Units     | Metric Value | Test Method |
|-------------------------|----------------|---------------|------------------|--------------|-------------|
| Caliper Average (Films) | mils           | 2.0           | um (micrometers) | 50.8         | ASTM D374   |
| Gloss                   | % @ 45 degrees | 85            | %                | 85.0         | ASTM D2457  |
| Haze                    | %              | 2             | %                | 2.0          | ASTM D1003  |
| Area Yield              | sq in/lb       | 15000         | sq m/kg          | 21.5         | ASTM E252   |

### ADHESIVE

General purpose filmic adhesive designed for prime label applications. Excellent clarity and improved blush resistance. Higher shear film adhesive for improved press convertibility. Performs at application temperatures as low as 14°F. Meets APR Preferred Design for Recycling on HDPE (colored) and PP substrates.

| Test Property          | Units      | Typical Value | Metric Units   | Metric Value | Test Method |
|------------------------|------------|---------------|----------------|--------------|-------------|
| Caliper - Calculated   | mils       | 0.7           | um(micrometer) | 16.6         |             |
| Shear (1 x 1/2 x 1 kg) | hours      | 16.8          | hours          | 16.8         | CPD-55      |
| Peel - 180 D SS 20 min | lb/inch    | 1.7           | grams/25 mm    | 759.0        | CPD-52      |
| Loop Tack Stain Steel  | oz/sq inch | 43            | kg/645 sq mm   | 1.2          | CPD-16      |
| Min. App. Temp.        | F          | 14            | C              | -10          |             |
| Service Temp.          | F          | -40 TO 160    | C              | -40 TO 71    |             |

### 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            | grams/sq meter  | 66.8         | TAPPI T410  |
| Caliper - Average | mil                           | 2.400         | 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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