



# PRODUCT INFORMATION

**018CT0010240SC**

**Item #: S9091760**

1.85 MIL TC CLEAR BOPP/FILMIC ADHESIVE/40 SC LINER

Approximate weight per MMSI: 182 lbs. Standard core size is 3 inches. Total caliper: 4.95 mils +/- 10%

## FACESTOCK

1.85 mil clear top-coated BOPP is compatible with water-based and UV flexo, and UV inkjet presses. Thinner for resource and shipping savings. Ultra clear for a no-label look. Perfect for health and beauty aid, household care, and beverage labeling.

| Test Property            | Units          | Typical Value | Metric Units     | Metric Value | Test Method |
|--------------------------|----------------|---------------|------------------|--------------|-------------|
| Caliper Average (Films)  | mils           | 1.850         | um (micrometers) | 47.0         | ASTM D374   |
| Gloss - Films            | % @ 45 degrees | 85            | % @ 45 degrees   | 85.0         | ASTM D2457  |
| Tensile Film - MD        | lb/sq inch     | 19943         | kg/sq cm         | 1402.0       | ASTM D882   |
| Tensile Film - TD        | lb/sq inch     | 34954         | kg/sq cm         | 2457.3       | ASTM D882   |
| Elongation at Break - MD | %              | 180           | %                | 180.0        | ASTM D882   |
| Elongation at Break - TD | %              | 55            | %                | 55.0         | ASTM D882   |
| Haze                     | %              | 2.5           | %                | 2.5          | ASTM D1003  |
| Area Yield               | sq in/lb       | 16083.9       | sq m/kg          | 23           | ASTM E252   |

## ADHESIVE

A clear, water-resistant, acrylic film adhesive with high tack and peel. Adheres to a wide variety of surfaces. Offers a good balance between wet-out and repositionability. Meets APR Critical Guidance Recognition for HDPE containers with specific facers.

| Test Property                  | Units      | Typical Value | Metric Units   | Metric Value | Test Method |
|--------------------------------|------------|---------------|----------------|--------------|-------------|
| Caliper - Calculated           | mils       | 0.7           | um(micrometer) | 17.3         |             |
| Shear (1 x 1/2 x 1 kg)         | hours      | 5.9           | hours          | 5.9          | CPD-55      |
| Peel - 180 D SS 20 min         | lb/inch    | 1.8           | grams/25 mm    | 803.6        | CPD-52      |
| Peel - 180 D HDPE 20 min       | lb/inch    | .8            | grams/25 mm    | 357.2        | CPD-52      |
| Peel - 180 D LDPE 20 min       | lb/inch    | .8            | grams/25 mm    | 357.2        | 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    | .5            | grams/25 mm    | 223.2        | CPD-52      |
| Loop Tack Stain Steel          | oz/sq inch | 38            | kg/645 sq mm   | 1.1          | CPD-16      |
| Loop Tack HDPE                 | oz/sq inch | 27            | kg/645 sq mm   | .8           | CPD-16      |
| Loop Tack LDPE                 | oz/sq inch | 25            | kg/645 sq mm   | .7           | CPD-16      |
| Loop Tack Corrugated           | oz/sq inch | 15            | kg/645 sq mm   | .4           | CPD-16      |
| Loop Tack Glass                | oz/sq inch | 28            | kg/645 sq mm   | .8           | CPD-16      |
| Min. App. Temp.                | F          | 40            | C              | 4            |             |
| Service Temp.                  | F          | -40 TO 160    | C              | -40 TO 71    |             |
| 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            | 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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