



**020CL0010212NB**

**Item #: S8766160**

2.0 MIL TC CLEAR BOPP/102 PERMANENT ADHESIVE/1.2 MIL PET NO BACK COAT  
Approximate weight per MMSI: 154 lbs. Standard core size is 6 inches. Total caliper: 3.9 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 | 87            | %                | 87.0         | ASTM D2457  |
| Haze                    | %              | 2.0           | %                | 2.0          | ASTM D1003  |
| Area Yield              | sq in/lb       | 15,000        | sq m/kg          | 21.5         | ASTM E252   |

**ADHESIVE**

A clear, water-resistant acrylic emulsion film adhesive, with high peel and tack, which adheres to a wide variety of surfaces, is blush resistant, and offers good wet-out.

| 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      |
| Loop Tack Stain Steel  | oz/sq inch | 38            | kg/645 sq mm   | 1.1          | 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       |                |              |             |

**LINER**

Clear polyester with an excellent surface for die-cutting. Great strength for high speed converting and application.

| Test Property            | Units            | Typical Value | Metric Units     | Metric Value | Test Method |
|--------------------------|------------------|---------------|------------------|--------------|-------------|
| Caliper Average (Films)  | mils             | 1.2           | um (micrometers) | 30.5         | ASTM D374   |
| Tensile Film - MD        | lb/sq inch       | 32,000        | kg/sq cm         | 2249.6       | ASTM D882   |
| Tensile Film - TD        | lb/sq inch       | 32,000        | kg/sq cm         | 2249.6       | ASTM D882   |
| Elongation at Break - MD | %                | 130           | %                | 130.0        | ASTM D882   |
| Elongation at Break - TD | %                | 100           | %                | 100.0        | ASTM D882   |
| Shrinkage-MD             | % 30 min @ 302 F | 1.5           | % 30 min @ 150 C | 1.5          | ISO 2469    |
| Shrinkage-TD             | % 30 min @ 302 F | .4            | % 30 min @ 150 C | .4           | ISO 2469    |
| Elastic Modulus - MD     | lb/sq inch       | 550,000       | kg/sq cm         | 38665.0      | ASTM D882   |
| Elastic Modulus - TD     | lb/sq inch       | 550,000       | kg/sq cm         | 38665.0      | ASTM D882   |
| Area Yield               | sq in/lb         | 16,805        | sq m/kg          | 24.0         | ASTM E252   |

Issued: 01/21/18

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