



**021MU0072012NB**

**Item #: S8225060**

2 ML METALIZED TC BOPP/720 ALL-TEMP ADHESIVE/1.2 MIL PET NO BACK COAT  
Approximate weight per MMSI: 152 lbs. Standard core size is 3 inches. Total caliper: 3.8 mils +/- 10%

**FACESTOCK**

A 2.0 mil BOPP metalized on the back side for a shiny silver appearance. Top coated for printability with a wide range of ink systems.

| Test Property            | Units            | Typical Value | Metric Units     | Metric Value | Test Method |
|--------------------------|------------------|---------------|------------------|--------------|-------------|
| Caliper Average (Films)  | mils             | 2.0           | um (micrometers) | 50.8         | ASTM D374   |
| Tensile Film - MD        | lb/sq inch       | 29000         | kg/sq cm         | 2038.7       | ASTM D882   |
| Tensile Film - TD        | lb/sq inch       | 23900         | kg/sq cm         | 1680.2       | ASTM D882   |
| Elongation at Break - MD | %                | 105           | %                | 105.0        | ASTM D882   |
| Elongation at Break - TD | %                | 120           | %                | 120.0        | ASTM D882   |
| Dim. Stability - MD      | % 60 sec @ 266 F | 4.0           | % 60 sec @ 130 C | 4.0          | ASTM D1204  |
| Dim. Stability - TD      | % 60 sec @ 266 F | -.5           | % 60 sec @ 130 C | -.5          | ASTM D1204  |
| Elastic Modulus - MD     | lb/sq inch       | 391000        | kg/sq cm         | 27487.3      | ASTM D882   |
| Elastic Modulus - TD     | lb/sq inch       | 333000        | kg/sq cm         | 23409.9      | ASTM D882   |
| Area Yield               | sq in/lb         | 15100         | sq m/kg          | 21.6         | ASTM E252   |

**ADHESIVE**

A non-tackified cold-temperature acrylic adhesive. Adheres to a wide variety of packaging materials. Can be used in a wide range of temperatures. Consider for general purpose labeling.

| Test Property          | Units   | Typical Value | Metric Units   | Metric Value | Test Method |
|------------------------|---------|---------------|----------------|--------------|-------------|
| Caliper - Calculated   | mils    | 0.6           | um(micrometer) | 16.3         |             |
| Shear (1 x 1/2 x 1 kg) | hours   | .2            | hours          | .2           | CPD-55      |
| Peel - 180 D SS 20 min | lb/inch | 1.5           | grams/25 mm    | 669.7        | CPD-52      |
| Min. App. Temp.        | F       | -20           | C              | -29          |             |
| Service Temp.          | F       | -65 TO 180    | C              | -54 TO 82    |             |
| 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   |

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