



23SWB0010240SC

Item #: S8982960

2.3 MIL TC WHITE BOPP/102 PERMANENT ADHESIVE/40 SC LINER

Approximate weight per MMSI: 204 lbs. Standard core size is 3 inches. Total caliper: 5.4 mils +/- 10%

FACESTOCK

A 2.3 mil solid white top-coated BOPP. Backside coated to aid in adhesive anchorage. Compatible with UV and water-based flexo ink systems, and hot stamping. Good stiffness for automatic application. An excellent choice for prime labeling.

| Test Property | Units | Typical Value | Metric Units | Metric Value | Test Method |
|--------------------------|----------------|---------------|------------------|--------------|-------------|
| Caliper Average (Films) | mils | 2.300 | um (micrometers) | 58.4 | ASTM D374 |
| Gloss - Films | % @ 45 degress | 50 | % @ 45 degrees | 50.0 | ASTM D2457 |
| Opacity - Films | % | 90 | % | 90.0 | ASTM D589 |
| Tensile Film - MD | lb/sq inch | 15,000 | kg/sq cm | 1054.5 | ASTM D882 |
| Tensile Film - TD | lb/sq inch | 36,000 | kg/sq cm | 2530.8 | ASTM D882 |
| Stiffness-MD | Gurley (mg) | 16 | mN | .2 | TAPPI T543 |
| Stiffness-CD | Gurley (mg) | 32 | mN | .3 | TAPPI T543 |
| Elongation at Break - MD | % | 172 | % | 172.0 | ASTM D882 |
| Elongation at Break - TD | % | 52 | % | 52.0 | ASTM D882 |
| Dim. Stability - MD | % @ 275 F | -4.0 | % @ 135 C | -4.0 | ASTM D1204 |
| Dim. Stability - TD | % @ 275 F | -3.0 | % @ 135 C | -3.0 | ASTM D1204 |
| Area Yield | sq in/lb | 12,500 | sq m/kg | 17.9 | 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

A white densified kraft sheet 41# (67 g/m²) 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 |
| Opacity | % | 60.0 | % | 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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