



PRODUCT INFORMATION

023WP0095040SC

Item #: S9221260

2.3 MIL TC WHITE BOPP/GP FILM ADHESIVE/40 SC LINER

Approximate weight per MMSI: 202 lbs. Standard core size is 3 inches. Total caliper: 5.42 mils +/- 10%

FACESTOCK

A 2.3 mil white top coated BOPP with excellent compatibility using UV curing inks or water based flexo ink systems.

High stiffness for conversion and automatic dispensing. Great choice for prime labeling.

| Test Property | Units | Typical Value | Metric Units | Metric Value | Test Method |
|--------------------------|------------------|---------------|------------------|--------------|-------------|
| Caliper Average (Films) | mils | 2.320 | um (micrometers) | 58.9 | ASTM D374 |
| Gloss - Films | % @ 45 degrees | 48 | % @ 45 degrees | 48.0 | ASTM D2457 |
| Opacity - Films | % | 80 | % | 80.0 | ASTM D589 |
| Tensile Film - MD | lb/sq inch | 22,500 | kg/sq cm | 1581.8 | ASTM D882 |
| Tensile Film - TD | lb/sq inch | 21,000 | kg/sq cm | 1476.3 | ASTM D882 |
| Stiffness-MD | Gurley (mg) | 15 | mN | .1 | TAPPI T543 |
| Stiffness-CD | Gurley (mg) | 17 | mN | .2 | TAPPI T543 |
| Elongation at Break - MD | % | 90 | % | 90.0 | ASTM D882 |
| Elongation at Break - TD | % | 100 | % | 100.0 | ASTM D882 |
| Dim. Stability - MD | % 60 sec @ 266 F | 3.0 | % 60 sec @ 130 C | 3.0 | ASTM D1204 |
| Dim. Stability - TD | % 60 sec @ 266 F | -1.0 | % 60 sec @ 130 C | -1.0 | ASTM D1204 |
| Area Yield | sq in/lb | 12,150 | sq m/kg | 17.4 | ASTM E252 |

ADHESIVE

General purpose filmic adhesive designed for prime label applications. High shear properties leading to excellent press convertibility. Provides good open time for label repositioning. Performs at application temperatures as low as 25°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 | 100+ | hours | 100.0 | 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 | 1.2 | grams/25 mm | 535.7 | CPD-52 |
| Peel - 180 D LDPE 20 min | lb/inch | 1.1 | grams/25 mm | 491.1 | CPD-52 |
| Peel - 180 D Glass 20 min | lb/inch | 2.1 | grams/25 mm | 937.5 | CPD-52 |
| Peel - 180 D PET 20 min | lb/inch | 2.57 | grams/25 mm | 1147.4 | CPD-52 |
| Loop Tack Stain Steel | oz/sq inch | 45 | kg/645 sq mm | 1.3 | CPD-16 |
| Loop Tack HDPE | oz/sq inch | 27 | kg/645 sq mm | .8 | CPD-16 |
| Loop Tack LDPE | oz/sq inch | 24 | kg/645 sq mm | .7 | CPD-16 |
| Loop Tack Glass | oz/sq inch | 46 | kg/645 sq mm | 1.3 | CPD-16 |
| Min. App. Temp. | F | 25 | C | -4 | |
| Service Temp. | F | -40 TO 160 | C | -40 TO 71 | |
| FDA Compliance | 21 CFR | 175.105 | | | |

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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 (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 |

Issued: 11/21/24

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