



25PSW0050640SC

Item #: S8263960

2.5 MIL WHI POLYSTYRENE/506 PERMANENT ADHESIVE/40 SC LINER
Approximate weight per MMSI: 231 lbs. Standard core size is 3 inches. Total caliper: 5.6 mils +/- 10%

FACESTOCK

A 2.5 mil corona treated white polystyrene. Stiffness allows easy converting and dispensing.

| Test Property | Units | Typical Value | Metric Units | Metric Value | Test Method |
|--------------------------|----------------|---------------|------------------|--------------|-------------|
| Basis Weight | lbs/25X38-500 | 51.4 | grams/sq meter | 76.1 | TAPPI T410 |
| Caliper Average (Films) | mils | 2.5 | um (micrometers) | 63.5 | ASTM D374 |
| Gloss | % @ 60 degrees | 45 | % @ 60 degrees | 45.0 | ASTM D523 |
| Tensile Film - MD | lb/sq inch | 6400 | kg/sq cm | 449.9 | ASTM D882 |
| Tensile Film - TD | lb/sq inch | 6400 | kg/sq cm | 449.9 | ASTM D882 |
| Elongation at Break - MD | % | 65 | % | 65.0 | ASTM D882 |
| Elongation at Break - TD | % | 65 | % | 65.0 | ASTM D882 |
| Area Yield | sq in/lb | 9250 | sq m/kg | 13.2 | ASTM E252 |

ADHESIVE

A general purpose acrylic emulsion with good UV stability. Non-yellowing and generally used with film-type face stocks.

| Test Property | Units | Typical Value | Metric Units | Metric Value | Test Method |
|--------------------------------|------------|---------------|----------------|--------------|-------------|
| Caliper - Calculated | mils | 0.7 | um(micrometer) | 18.7 | |
| Shear (1 x 1/2 x 1 kg) | hours | 24 | hours | 24.0 | CPD-55 |
| Peel - 180 D SS 20 min | lb/inch | 2.4 | grams/25 mm | 1071.5 | CPD-52 |
| Peel - 180 D HDPE 20 min | lb/inch | 0.80 | grams/25 mm | 357.2 | 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 | 2.2 | grams/25 mm | 982.2 | CPD-52 |
| Peel - 180 D Corrugated 20 min | lb/inch | 1.3 | grams/25 mm | 580.4 | CPD-52 |
| Loop Tack Stain Steel | oz/sq inch | 41 | kg/645 sq mm | 1.1 | CPD-16 |
| Loop Tack HDPE | oz/sq inch | 22 | kg/645 sq mm | .6 | CPD-16 |
| Loop Tack LDPE | oz/sq inch | 16 | kg/645 sq mm | .4 | CPD-16 |
| Loop Tack Corrugated | oz/sq inch | 14 | kg/645 sq mm | .4 | CPD-16 |
| Loop Tack Glass | oz/sq inch | 45 | kg/645 sq mm | 1.3 | CPD-16 |
| Min. App. Temp. | F | 45 | C | 7 | |
| Service Temp. | F | -65 TO 200 | C | -54 TO 93 | |
| 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 | % | 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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