



070MK0074740SC

Item #: S7600260

3 ML DIRECT THERM BOPP/747 PERMANENT ADHESIVE/40 SC LINER
Approximate weight per MMSI: 210 lbs. Standard core size is 3 inches. Total caliper: 6.1 mils +/- 10%

FACESTOCK

A 3.0 mil BOPP direct thermal film. Medium degree of sensitivity. Top coated for durability. Use when moisture and environmental resistance are important. Dark image for excellent ability to be read and scanned.

| Test Property | Units | Typical Value | Metric Units | Metric Value | Test Method |
|---------------------------|---------------|---------------|-----------------|--------------|-------------|
| Basis Weight | lbs/25X38-500 | 41.1 | grams/sq meter | 60.8 | TAPPI T410 |
| Caliper - Average | mil | 3.0 | um (micrometer) | 76.2 | TAPPI T411 |
| Opacity | % | 92 | % | 92.0 | TAPPI T425 |
| Tear-MD | grams | 28 | mN | 274.6 | TAPPI T414 |
| Tear-CD | grams | 21 | mN | 205.9 | TAPPI T414 |
| Tensile-MD | lb/inch | 36 | kN/m | 6.3 | TAPPI T494 |
| Tensile-CD | lb/inch | 53 | kN/m | 9.3 | TAPPI T494 |
| Stiffness-MD | Gurley (mg) | 27 | mN | .3 | TAPPI T543 |
| Stiffness-CD | Gurley (mg) | 43 | mN | .4 | TAPPI T543 |
| Initial Activation Temp | F | 175 | C | 79 | ISO 1924 |
| Effective Activation Temp | F | 209 | C | 98 | ISO 1924 |
| Optimum Activation Temp | F | 275 | C | 135 | ISO 1924 |
| Area Yield | sq in/lb | 11787 | sq m/kg | 16.9 | ASTM E252 |

Notes

<http://gbp.com/coated-direct-thermal-ink-recommendations>

ADHESIVE

A general purpose, tackified acrylic permanent that displays excellent adhesion over a broad temperature range while providing aggressive performance. Perfect for wine labeling, as it can be used in moist environments. Withstands ice bucket conditions.

| 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 | 15 | hours | 15.0 | CPD-55 |
| Peel - 180 D SS 20 min | lb/inch | 3.3 | grams/25 mm | 1473.3 | CPD-52 |
| Loop Tack Stain Steel | oz/sq inch | 53 | kg/645 sq mm | 1.5 | CPD-16 |
| Loop Tack Glass | oz/sq inch | 60 | kg/645 sq mm | 1.7 | CPD-16 |
| Min. App. Temp. | F | 0 | C | -18 | |
| Service Temp. | F | -65 TO 200 | C | -54 TO 93 | |
| 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 | 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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