GREEN BAY PACKAGING
COATED PRODUCTS

# PRODUCT INFORMATION

## 022TD0061140SC Item #: S8195960

HI SENSITIVITY DT FSC/WATER DISSOLVABLE ADH/40 SC LINER
Approximate weight per MMSI: 236 lbs. Standard core size is 3 inches. Total caliper: 6.1 mils +/- 10%

## FACESTOCK

A 53# (78 g/m²) top coated direct thermal coated paper for more demanding applications and higher imaging speeds. FSC®-certified paper.

| Test Property | Units | Typical Value | Metric Units | Metric Value | Test Method |
|---|---|---|---|---|---|
| Basis Weight | lbs/25X38-500 (3300 Sq Ft) | 52.8 | grams/sq meter | 78.1 | TAPPI T410 |
| Caliper - Average | mil | 3.0 | um (micrometer) | 76.2 | TAPPI T411 |
| Smoothness (PPS) Print Side | um | .9 | um | .9 | TAPPI T555 |
| Tear-MD | grams | 43 | mN | 421.7 | TAPPI T414 |
| Tear-CD | grams | 44 | mN | 431.5 | TAPPI T414 |
| Tensile-MD | lb/inch | 32 | kN/m | 5.6 | TAPPI T494 |
| Tensile-CD | lb/inch | 16 | kN/m | 2.8 | TAPPI T494 |
| Stiffness-MD | Gurley (mg) | 90 | mN | .9 | TAPPI T543 |
| Stiffness-CD | Gurley (mg) | 40 | mN | .4 | TAPPI T543 |
| Brightness | % | 83.0 | % | 83.0 | TAPPI T452 |
| Initial Activation Temp | F | 171 | C | 77 | ISO 1924 |
| Effective Activation Temp | F | 190 | C | 88 | ISO 1924 |
| Optimum Activation Temp | F | 244 | C | 118 | ISO 1924 |

**Notes**
http://gbp.com/coated-direct-thermal-ink-recommendations

## ADHESIVE

A water dissolvable acrylic adhesive. It adheres to, and washes off, many substrates including most plastics, stainless steel and glass. Combined with the dissolvable facer, H2ODP, the label disappears in 30 seconds. Can be used with other face stocks.

| 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 | 0.1 | hours | .1 | CPD-55 |
| Peel - 180 D SS 20 min | lb/inch | 1.59 | grams/25 mm | 709.9 | CPD-52 |
| Loop Tack Stain Steel | oz/sq inch | 8.2 | kg/645 sq mm | .2 | CPD-16 |
| Min. App. Temp. | F | 21 | C | -6 | |
| Service Temp. | F | -40 TO 172 | C | -40 TO 78 | |
| 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) | 41.0 | grams/sq meter | 66.8 | TAPPI T410 |
| Caliper - Average | mil | 2.400 | um (micrometer) | 61.0 | TAPPI T411 |
| Opacity | % | 60.0 | % | 60.0 | TAPPI T425 |
| Tear-MD | grams | 34.0 | mN | 333.4 | TAPPI T414 |
| Tear-CD | grams | 39.0 | mN | 382.5 | TAPPI T414 |
| Tensile-MD | lb/inch | 40.0 | kN/m | 7.0 | TAPPI T494 |
| Tensile-CD | lb/inch | 17.1 | kN/m | 3.0 | TAPPI T494 |

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