GREEN BAY PACKAGING
COATED PRODUCTS

# PRODUCT INFORMATION

## 024DT0072040SC Item #: S9074260

TC RESISTANT DT FSC/720 ALL TEMP ADHESIVE/40 SC LINER
Approximate weight per MMSI: 235 lbs. Standard core size is 3 inches. Total caliper: 6.2 mils +/- 10%

## FACESTOCK

A 53# (78 g/m²) top coated direct thermal paper. Resistant to moisture, oil and heat. Also has plasticizer resistance at room temperature. Ideal for weigh scale labels, pharmacy, shipping and warehousing applications. FSC®-certified paper.

| Test Property | Units | Typical Value | Metric Units | Metric Value | Test Method |
|---|---|---|---|---|---|
| Basis Weight | lbs/25X38-500 (3300 Sq Ft) | 53.1 | grams/sq meter | 78.6 | TAPPI T410 |
| Caliper - Average | mil | 3.2 | um (micrometer) | 81.3 | TAPPI T411 |
| Smoothness (PPS) Print Side | um | 1.1 | um | 1.1 | 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) | 45 | mN | .4 | TAPPI T543 |
| Brightness | % | 80 | % | 80.0 | TAPPI T452 |
| Initial Activation Temp | F | 199 | C | 93 | ISO 1924 |
| Effective Activation Temp | F | 250 | C | 121 | ISO 1924 |
| Optimum Activation Temp | F | 300 | C | 149 | ISO 1924 |

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

## ADHESIVE

A soft, general purpose, all-temperature acrylic adhesive for paper and film labels. Adheres to a variety of packages in a broad range of temperatures. Meets the TLMI Recycling Protocol TLMI-LRP-2 for paper recycling compatibility.

| Test Property | Units | Typical Value | Metric Units | Metric Value | Test Method |
|---|---|---|---|---|---|
| Caliper - Calculated | mils | 0.6 | um(micrometer) | 16.3 | |
| Shear (1 x 1/2 x 1 kg) | hours | .2 | hours | .2 | CPD-55 |
| Peel - 180 D SS 20 min | lb/inch | 1.5 | grams/25 mm | 669.7 | CPD-52 |
| Peel - 180 D HDPE 20 min | lb/inch | 1.0 | grams/25 mm | 446.5 | 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 | 1.7 | grams/25 mm | 759.0 | CPD-52 |
| Peel - 180 D Corrugated 20 min | lb/inch | .6 | grams/25 mm | 267.9 | CPD-52 |
| Loop Tack Stain Steel | oz/sq inch | 44 | kg/645 sq mm | 1.2 | CPD-16 |
| Loop Tack HDPE | oz/sq inch | 35 | kg/645 sq mm | 1.0 | CPD-16 |
| Loop Tack LDPE | oz/sq inch | 29 | kg/645 sq mm | .8 | CPD-16 |
| Loop Tack Corrugated | oz/sq inch | 14 | kg/645 sq mm | .4 | CPD-16 |
| Min. App. Temp. | F | -20 | C | -29 | |
| Service Temp. | F | -65 TO 180 | C | -54 TO 82 | |
| FDA Compliance | 21 CFR | 175.105 | | | |

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# PRODUCT INFORMATION

## 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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